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THE WAY WE WERE MARCH 8–15, 1987

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The Philadelphia Flower Show Produced by The Pennsylvania Horticultural Society 325 Walnut Street Philadelphia, Pennsylvania 19106 (215) 625-8250

Program design and cover illustration by Stephanie Knopp.





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Morris Arboretum de University of Pennsylvania





ELCOME. Whatever the weathercasts are these days, it's sunny skies for the world's largest indoor Flower Show. You've left it all outside—the cold, the snow, the rain—to

join our constitutional conveners at a tavern, to flap in elegance with our flappers and to enjoy the climate-deceiving possibilities of glass houses. Our exhibitors, volunteers and staff have gloriously weathered set-up and now it's Showtime. We eagerly await your enjoyment of The Way We Were.

We've increased the size of this year's Show by an acre, doubling the aisle widths to allow you, the visitors, the pleasantest possible stroll through the Show. So just direct your feet to the sunny side of the street, and join the spring merriment.

Hen Oes. La

Herb Clarke, Chair 1987 Philadelphia Flower Show Executive Committee

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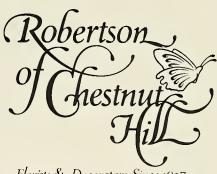
Flower Show Program

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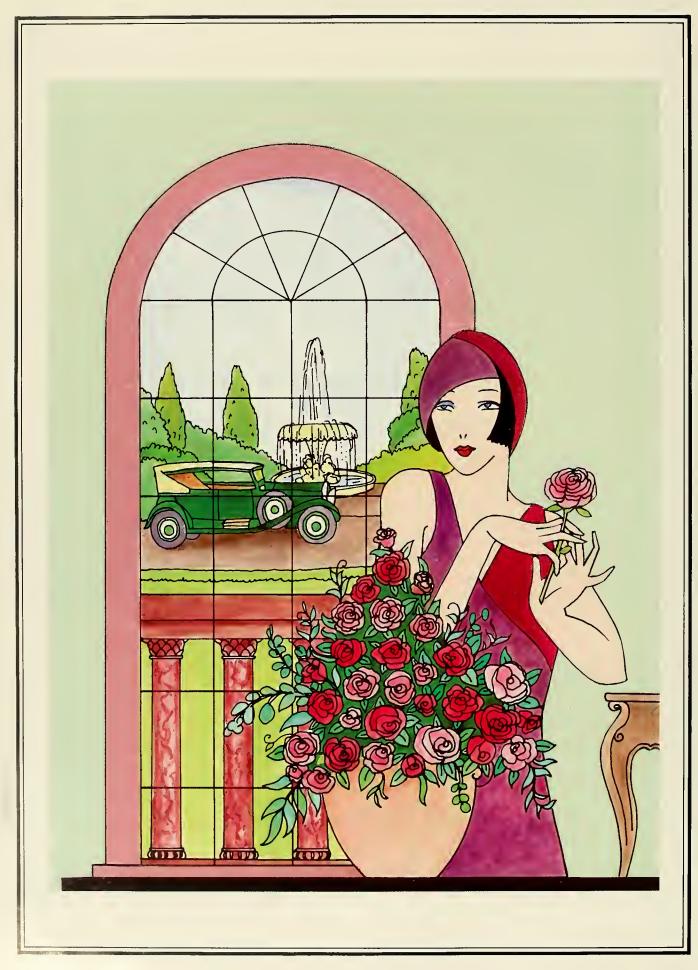
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THE TWENTIES THAT ROARED

ANN JARMUSCH

he Twenties roared and Robertson of Chestnut Hill was there.
This prominent florist-decorator firm, founded in 1927, knows something about vintage
Twenties style—and the means required to support it. A family business tracing its earliest roots back to the landscaping of elegant Chestnut Hill estates, Robertson was well equipped to create the opening feature supporting the 1987 Philadelphia Flower Show theme, "The Way We Were."

This year, the world's most exotic escalator ride—descending through the heavenly hyacinth perfume that unmistakably marks the Flower Show—carries us back to the luxurious, frenetic Flapper Era. Instead of delivering visitors into the customary spectacular garden, the escalator for perhaps the first time deposits us in a spectacular Twenties-inspired drawing room, decadently rich in flowers. Saunter through its french doors, and you're on the terrace with lush gardens beyond.

The gleam of the 1921 Rolls Royce parked in the gravel driveway might reflect in the crystal chandelier, waxed mahogany and silver adorning this palatial room, but the real sparkle radiates from the exquisite flowers Robertson designers arranged to billow from vases that could have graced a Twenties mansion.

When George Robertson started his business 60 years ago, there wasn't any call for professionally arranged centerpieces or bouquets. Instead, armsful of cut flowers were artfully boxed, tied with ribbons and promptly delivered to the fortunate few, who supplied their own fancy vases and fussing in prefloral foam days. If there was no fernery on the grounds of the estate, the long, narrow Robertson box might have been lined with fern fronds and foliage trucked in from Florida.

Even as the florist business developed to provide elaborate flower pieces for weddings and funerals, house flowers—roses, statice, carnations, snapdragons, baby's breath, typically—were still plucked from many a private garden and greenhouse in Chestnut Hill. But the corsages and boutonnieres decorating the chests

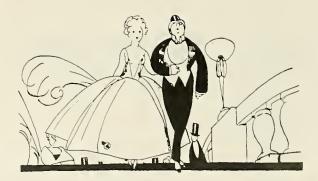
of ladies and gentleman strolling "The Hill" then as now, probably came from Robertson.

Bruce Robertson, president and a member of the third of four generations thus far involved in the business, considered all that when designing the drawing room display with his colleague Jack Gallagher, in consultation with Flower Show designer Ed Lindemann. Having worked at the Chestnut Hill business for 25 years himself, Robertson draws on his rich visual memory of actual drawing rooms along with "hundreds of magazines" he's flipped through to convey the proper Twenties flavor.

No strangers to the Flower Show, Robertson of Chestnut Hill has in the past created such floral fantasies as a Mardi Gras party set in New Orleans, a Maine homestead, a "Flower Barn" and a Hawaiian beach. The tossed-off elegance you see in this room results from months of shared "passing flashes of thought," according to Gallagher.

Lindemann, the Pennsylvania Horticultural Society horticulturist who has designed the Flower Show for eight years, can recall only one out of 16 shows that went on without a Robertson display. He invited Robertson to decorate this year's dazzling opener because of the quality of their work and congenial flexibility.

"Bruce and I work until we get something we both like," Lindemann explains. "For example, we had several discussions about this room's wall and woodwork colors, working with color charts. I started out wanting dark green and Bruce wanted almost white. You see what we ended up with."





Actually, you may not notice what they ended up with—which is good. Two quiet, compatible greens called 'Shaded Lake' and 'Shaded Path' provide a hushed backdrop for the Roaring Twenties decor. Robertson, a self-described "green freak," set the tone when he ultimately voted for the softly mercurial greens of eucalyptus.

Robertson also persuaded Lindemann to deepen the two areas designated for furnishings and dramatic floral displays—some towering, others cascading, on tall pedestals. His goal was to make these staging areas more roomlike and to allow for possible architectural features, such as a bookcase and fireplace. To unify these spaces, he requested a floor covering to span the display's entire 60 ft. expanse.

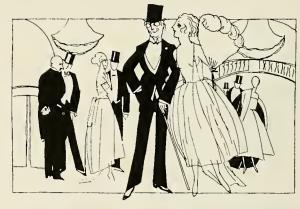
Flowers from Abroad

Exotic flowers so familiar to us now that the word "exotic" has paled have crept into this drawing room via the modern magic of hybridization and refrigeration, international brokers and overnight air freight.

Robertson has plugged into all these modern conveniences. Flip Ferry, a Robertson cousin who grew up learning every job in the family business, now manages the flower inventory. Four times a week he speaks to his broker in Holland to purchase what amounts to 60 percent of Robertson flowers. He prefers to deal in this artful commodity by telephone rather than computerized communiqués because "you get a better feel of what you're getting." Besides, he adds, describing that "certain melon-pink euphorbia" so unusual that neither he nor his broker know its correct name, requires deft translations, especially when you consider that the broker is just the first in the chain of people handling them.

Ferry has entrusted his Dutch broker with the option of spontaneously buying Robertson





"something special," should he spot rarities on a flower cart at auction. Ferry hopes this tactic will help maintain Robertson's own special status among florists.

Getting these flowers from that cart to your table now runs like clockwork. A local flower wholesaler Robertson has worked with for years handles the KLM air freight arrangements (complete with proper refrigeration upon landing) and U.S. Customs clearance once the flowers reach New York. The wholesaler then speeds the bunches of flowers nestled in long, sturdy boxes to Robertson of Chestnut Hill. The fistful of anemones you buy fresh off the truck today were ordered trans-Atlantic by Ferry a mere day-and-a-half ago.

But it was Patty Morton, a 10-year veteran at Robertson, who ordered the globetrotting flowers for the Flower Show display, along with those that would have been grown locally during the Twenties, a week or so ago. She then made subsequent orders so that flowers could be replaced several times during the Flower Show's eight-day run.

Roses come and go daily, for example, while rubrum lily will last several days. All the arrangements are made in liners that fit down inside the containers out of sight. Liners make the mid-week switch to all-fresh arrangements easier, since the replacements can be made, or at least started, at Robertson work tables.

One of the chief party wizards at Robertson, Morton conjured the Twenties in stylized arrangements by searching out the Robert Redford-Mia Farrow film "The Great Gatsby" on videotape so that she could "freeze in" on dewy interior details and frivolous glamour. And don't be surprised if you see feathers stolen from a flapper outfit wafting from the arrangements Morton made.

Ferry got up at 4:30 one morning himself to go to a flower wholesaler and unpack gerbera daisies he then delivered to an appreciative customer already at the Civic Center.

Bruce Robertson's starting point for decorating this opulent room? In the Twenties, he says, "They would have had a beautiful oriental rug and have gone from there," referring to the softly worn colors of antique carpets he thought would convey the richness of the period. Robertson selected appropriate antiques and accessories in harmony with the rugs—with an eye to keeping the flowers the stars of the show. (The flowers, however, unlike the valuable furnishings, required no special insurance policy at the show, where antiques inevitably risk exposure to water and dust.) The potted palms and orchid plants of the Cattleya variety also truly bring the room to life, Twenties-style.

Whatever necessary elements Robertson couldn't borrow from antiques and rug dealers or borrow from inventory, he himself built in his barn with some assistance from a few of his crew of 65. Bruce Robertson sees his carpentry skills as his contribution to expanding the family business, having probably come by his artistic abilities genetically and having reinforced his commercial savvy as a business administration major. Past Robertson Flower Show exhibits have included handcut, scalloped roof shingles; square fence pickets each with a mitered top; and wooden railings cut to imitate the intricacies of wrought iron.

"Nothing's too hard if you figure out how to do it" is Robertson's philosophy, despite his lack of a drawing board. "I could quit tomorrow and work forever in my barn making furniture and other things," Robertson says.





In the meantime, the barn serves not only as woodworking shop but also the dress rehearsal site for this and other displays requiring large-scale mapping-out. The feverish activity that went on under the rafters here shifted into high gear just after the hectic December holidays and culminated when the last arrangement was put in place just before the Flower Show opened.

If you think the finished Robertson display means the team that made it happen is resting smugly, you should see the activity in their Germantown Avenue store during Flower Show week. Enough Competitive Class entrants look to Robertson for cut flowers that none of the primary designer/managers may take a breather while the show is on. Specially-ordered flowers arrive in larger quantities than necessary, according to Ferry, who constantly scouts for newly available flowers, to assure contestants of the exact color, form and quality required of each blossom.

When normal delivery schedules wouldn't meet a competitive class deadline, Ferry got up at 4:30 one morning himself to go to a flower wholesaler and unpack gerbera daisies he then delivered to an appreciative customer already at the Civic Center.

Says Ferry, a psychology major in college, "It's really neat when we've helped someone and they call from the Flower Show and say they got a 'blue.' That's a real good feeling."

Good feelings can be had by all if you'll just step into the Twenties and smell the roses, feel the music, taste the excitement. You may never have a crack at this time warp again.

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Ann Jarmusch, a former Flower Show publicist, has written for national and regional publications about gardening and other visual arts.

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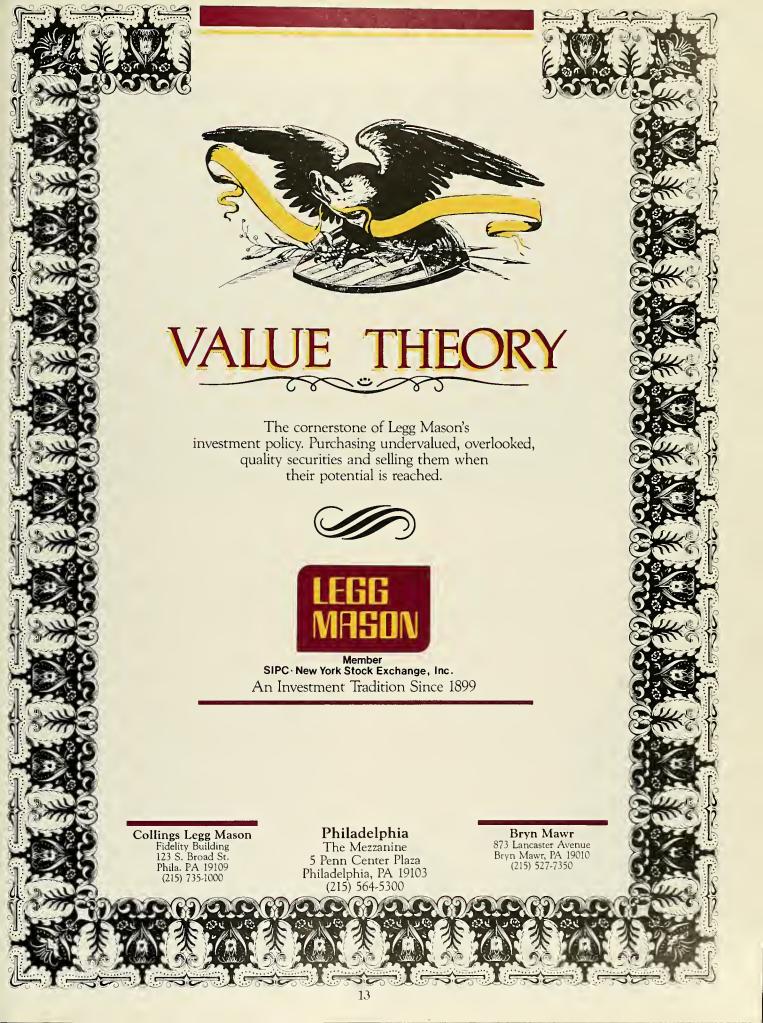




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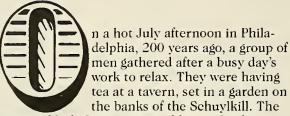






George Washington Takes <u>Tea at Gray's Ferry</u>

ELIZABETH P. McLEAN



stout, elderly Benjamin Franklin, in Quaker dress, his gouty foot upraised, was telling amusing stories. Nearby a slight, serious blue-eyed young man enjoyed some pecans; this Virginian, James Madison, had just sent off a box to his friend Thomas Jefferson in Paris. A chestnut-haired NewYorker gazed thoughtfully out at the bright geraniums and day-dreamed about the garden he would have when he retired; Alexander Hamilton would plant 13 "gum" trees to represent the 13 original states.

Standing thoughtfully to one side, his six feet towering over the group, was a man the group deferred to: George Washington. He was admiring the scarlet honeysuckle and thinking of the vines he asked to have trained on a wall at Mount Vernon in his absence.

These men from distant parts came to a Philadelphia garden on this steamy summer day 200 years ago as delegates to the 1787 Constitutional Convention. In May, 55 delegates arrived from 12 states (Rhode Island chose not to attend). They included the great men of our



nation's founding. The delegates were to stay until mid-September, arguing and discussing through the hot summer months, in what they called the "State House,—" now known as Independence Hall.

When they weren't "sitting" six days a week, these delegates, away for four months, worried about their families and homes. And with good reason: George Washington reported that since the Revolution his "estate...(had) not been able to make both ends meet." Washington regularly wrote home to his cousin and manager, George Augustine Washington, about carrots, oats and plows, at his Mount Vernon farm. Like every farmer/gardener, the weather was never right, too much rain in Philadelphia, and not enough at home.

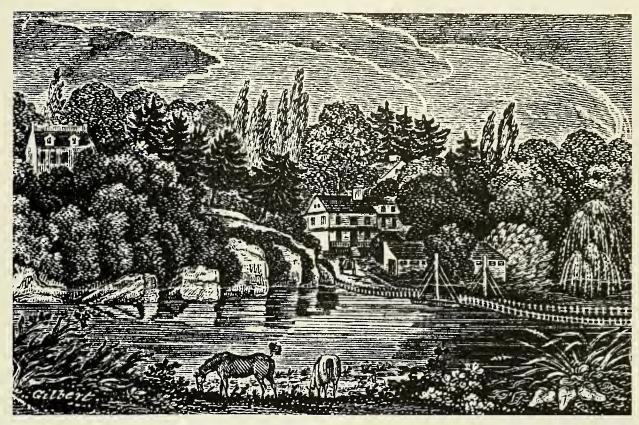
Washington was interested in his garden as well as his farm. He was concerned about his new greenhouse, serpentine walks, honevsuckles and willow trees. He gave instructions for staking trees and spading "shrubberies." And he included gardens in his visits around Philadelphia between sessions at the State House. On July 2nd Washington recorded in his diary that he "drank tea at Mr. Bingham's and walked afterwards in the State Ho. Yard." Samuel Vaughan, bringing the latest ideas in garden design from England, had designed the garden behind the State House (Independence Hall) where the delegates to the Constitutional Convention could walk the serpentine paths between sessions.

On several occasions Washington rode out to Gray's Ferry and Tavern on the banks of the Schuykill. To attract people to their tavern, George and James Gray had repaired the damages inflicted by the British during the Revolution and installed a new "up-to-date" garden, designed by the same Samuel Vaughan. It was a garden that "had everything," and became, with its tavern, very popular.

"Tuesday, July 17th...made an excursion with a party to Gray's Ferry to Tea." from the Diary of George Washington







Gray's Ferry engraving from the Historical Society of Pennsylvania.

It is this day, July 17, 1787, that we have chosen to recreate at the 1987 Philadelphia Flower Show; a respite from the hard work of constructing our country's Constitution, in a lovely garden. Taverns served a social function in the 18th century, providing the atmosphere of a club open to all.

Recreating a 200 Year-old Garden

The design and execution of any garden in the Show is a challenge: theme, design, advance planning, obtaining and forcing a variety of plants, installing in a week's time, maintaining freshness so that all visitors can enjoy the Show. Discovering what a 1787 garden looked like, finding out what plants grew (or could have grown) there, finding those "antique" plants now—a lot harder than finding a 1787 antique chair—forcing plants for which there is no previous forcing experience, and making that garden of interest to a 1987 audience, has been a major challenge to the Show's planners. Fortunately for us, the Rev. Manassah Cutler, a minister and botanist from Ipswich, Mass. was also in Philadelphia in 1787. He, too, visited Gray's Ferry and recorded his visit in great detail and with contagious enthusiasm. None of the garden was visible from the ferry house or the Schuylkill, where the great rocks edging the steep rise are still as Cutler described them. It is through his eyes that we now see Gray's Garden, reading excerpts from his diary as we walk around.

There was a large green house, with exotics, through which one entered the extensive garden. "At every end, side and corner, there were summer-houses, arbors covered with vines or flowers, or shady bowers encircled with trees and flowering shrubs... In the borders were arranged every kind of flower." Cutler goes on to describe woods, hillsides "strewed with flowers in the most artless manner," and, "beds of flowers and artificial groves of flowering shrubs." Cutler saw waterfalls and bridges "in the Chinese style through the grove, the branches of the trees partly concealing them, which produced the more romantic and delightful effect."

From Cutler's lengthy description we picked four elements to focus upon: the greenhouse, summer house, arbor and Chinese bridge. Since no illustrations of Gray's garden exist, we picked from other Federal gardens: a summer house formerly in Medford, Massachusetts; a Chinese bridge from the Paca garden in Annapolis, and Palladian greenhouse windows from Thomas

Jefferson's greenhouse at Monticello. Ed Lindemann, the Flower Show designer, created a garden using these elements, sitting it above rocks like those edging the Schylkill at Gray's Ferry. Then came the hardest part: the plants.

What grew in Philadelphia gardens in 1787? The Rev. Mr. Cutler was not much help; he described the garden, but not the plants. Fortunately, diaries and letters describe many of Philadelphia's fine gardens of this period. Thomas Jefferson's friend William Hamilton had a great garden, full of unusual plants at "the Woodlands," (where Woodland cemetery now is) across from Gray's Garden. Hamilton, who valued his own geraniums (Pelargonium spp.) so much that he kept them in a locked greenhouse, coveted some of Gray's. Bartram's Garden, which George Washington also visited, still exists on its site nearby. There John Bartram's sons William and John Jr. maintained a botanic garden and nursery, and may well have helped stock Gray's garden.

Trees would have been a mix of "imports" and natives. The weeping willow was popular, having made its way from China to Europe in the early 18th century. But American natives, such as the silverbell and redbud were also appreciated. Gray's garden was formed at the edge of woods, and the exhibit shows this, giving the effect of a woodland canopy and understory with hemlock and mountain laurel. "New" plants, just recently introduced, such as the gingko and the *Ailan-thus* are shown in pots in the greenhouse, along with the very "new" fruit, the "paradise apple," the tomato.

The flowers were a mix of "old" and "new." Pinks, Dianthus, were very popular, and Poor Will's Almanac of 1787 gives instructions for transplanting pinks. China aster, Callistephus chinensis, was also described there; it had been introduced to England about 40 years before. Marigolds, African and French, Tagetes erecta & T. putula, the small, simple ancestors of our puffy hybrids, were used, but not to the extent that they appear in many 20th century "colonial gardens." The roses were the old-fashioned shrub roses, such as Rosa gallica, and the "brand-new" Chinese rose, now known as 'Old Blush.' Like every gardener past and present, we assume the Grays wanted the best.

Philadelphia gardeners of 1787 had a limited palette with which to work. Hybridization was in its infancy. Oriental plants were trickling in from China (daylilies or the "new" Chinese

rose); Japanese plants were unknown. No forsythia greeted the 1787 Philadelphia spring; no Japanese maple graced a suburban lawn (no lawn mower was yet invented to mow a lawn); no colorful chrysanthemums warmed the fall garden.

Plant Sources

These plants for the exhibit came from people like Peter Hatch, head of gardens and grounds and plant historian at Monticello. They have been collecting plants known to have been grown by Thomas Jefferson, including the species marigold, species zinnia and Pelargonium inquinans, the simple red geranium that Jefferson grew. Some plants on the original list were discarded because they are too difficult to force. Nurseryman Charlie Gale advised us that he would have to fill an entire greenhouse with foxélove to force enough successfully. We substituted instead the equally "authentic" hollyhock. Native plants from the Gooseberry Bush Nursery and Garden Center and Robert W. Montgomery's Landscape Nursery have been forced at the latter's. Bill Judd, recently retired proprietor of Judd's Hollylan Nurseries, has used his experience from many prize-winning exhibits to manage the installation; it takes his kind of expertise to create flowing water and "natural" planting.

Our final quest was for the props that would make the scene look as though the Gray brothers and George Washington had just left it. A Bartram's Garden plant catalogue is tacked on the wall of the greenhouse, and eighteenth century Williamsburg pots are set beneath. A jug of tobacco water is ready to repell insects, a problem then as now. The tea table and bench, even the tea set are on loan from the Independence National Historical Park.

Thousands of visitors to the 1987 Philadelphia Flower Show are enjoying plants that colonists of 1787 never knew: exotic orchids, Japanese pines trained as bousai and tropical ferns. They see old familiar flowers such as roses, which have been improved by hybridization over the years. A profusion of plants, which have been cossetted, fed, forced and brought to perfection by loving hands—both professional and amateur—are on every side. Within this profusion we see a garden that represents the best of 1787 gardening: "Tea at Grays' Ferry." Walking through the Flower Show we move through 200 years of gardens representing "The Way We were." West Shore, a prize winning



Tea at Gray's Ferry exhibit at 1987 Philadelphia Flower Show. Rendering by Doug Julian.

garden sponsored by the Pennsylvania Horticultural Society's Philadelphia Green program, blooms just across the Schuylkill from the original Gray's Ferry garden. Philadelphia Green recreates this urban garden at the Flower Show with "Iced Tea at Gray's Ferry." To the 1787 constitutional convention delegates and to visitors to the 1987 Show, flowers and gardens supply a special kind of beauty and respite from an increasingly busy world.



Thanks to AT&T

The magnitude of the "Tea at Gray's Ferry" exhibit would not be possible without the sponsorship of AT&T. Their participation and recognition of the Philadelphia Flower Show reflect AT&Ts continuing community support

Elizabeth P. McLean, garden historian, writer and lecturer is a member of the Pennsylvania Horticultural Society Council.

McLean was research consultant to the Tercentenary Gardens Collaborative for the 1982 Flower Show exhibit of "300 Years of Horticulture in the Delaware Valley" and "Penn's Green Woods Revisited," which was staged at the 1982 Chelsea Flower Show, She was consultant for "Tea at Gray's Ferry" in this show.

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Interior view of the Palm House at the Royal Botanic Gardens, Kew, from the London Illustrated News, 1852.

PLANTS UNDER GLASS

ANNE S. CUNNINGHAM



n 1829, Dr. Nathaniel Ward wanted to watch a sphinx moth hatch from a chrysalis, so he put the cocoon in damp soil in a glass jar with a lid, and brought it inside to observe. Blades of grass

and a fern appeared in the soil, months before the moth, and Ward, an English physician and botanist, realized he had a solution to the problem of raising delicate plants in a hostile atmosphere. With elementary carpentry skills, he constructed a box that could be used to shelter plants from damaging wind and weather

during grueling ocean voyages.

The Wardian case, a box with a peaked glass roof protected by wooden slats, quickly became the major means of transporting seedlings and rooted cuttings around the world. Before 1830, scientists and explorers had limited success disseminating plants between countries; only seeds were considered reliable. But with the Wardian case, a new tropical plant era began. Economic plants like rubber (Hevea brasiliensis) were dug up by British explorers, packed in Wardian cases and sent to the Royal Botanic Gardens at Kew, outside of London, where they were propagated, then distributed throughout the British Empire. Coffee, tea, bananas, medicinal herbs, orchids and other decorative plants were carried beyond their native lands, planted and tended in a wide variety of situations. Ferns, palms and tropical plants became the rage in London, and 'plants under glass' were under way.

The 1987 Philadelphia Flower Show's "Plants Under Glass" exhibit is a tribute to the foresight and accomplishments of those who first gardened under glass. A joint venture between The Morris Arboretum of the University of Pennsylvania and The Royal Botanic Gardens, Kew, England, this display spans the progress from Dr. Ward through NASA's current experiments with plants in outer space. The significance of global efforts toward conservation and experimentation with plants under glass cannot be sufficiently dramatized: today one fifth of the world's total plant species is threatened with extinction, and without these efforts, much would be lost forever, much more never would come to be.

Greenhouses, as we know them today, became important tools for environmental management, with controlled temperature, humidity and sunlight for botanical study. Two of the finest surviving examples of 19th century iron and glass houses are the Palm House of the Royal Botanic Gardens at Kew and the John Morris Fernery at the Morris Arboretum in Philadelphia.

With more than 47,000 species in their living collection, and an equally impressive Seed Bank at Wakehurst, Kew is dedicated to conservation, growing species of plants in danger of becoming extinct. The Palm House contains an extensive collection of tropical plants, including Kew's oldest greenhouse plant (an African cycad, Encephalartos longifolius, dating back to 1777). From venerated old plants to youngsters like the giant bamboo (Gigantochloa verticillata), which grows from the ground to the roof in one season and is used for construction work in Java, everything in The Palm House serves as a living reference collection to augment scientific research, conservation and educational programs.

In distinct contrast to the stately Palm House is John and Lydia Morris's small fernery. Dr. William M. Klein, director of the Morris Arboretum, called the John Morris Fernery "the distillation of the Victorian spirit at the Morris Arboretum. Ferns became the plant motif of the period. And the Japanese style stone work reflects the period's eclectic taste and fondness for Oriental styles. The cast iron and automatic control systems there remind us of the Victorian's ability to develop technological solutions to

problems."

Built into a hill, the 1899 Fernery features terraced rock work, caves and grottoes, winding paths, waterfalls and pools, an overlook and a rustic bridge. At one end of the warm, humid building is the filmy fern grotto, a sunken half cave that supports the rare and difficult-to-grow *Trichomaes speciosa* with fronds only a single cell thick. Bob Gutowski, conservator of the Morris Arboretum, says "The John Morris Fernery is all the more remarkable because it appears to be the only one of its kind in America, a singular symbol of status, science and refinement."



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The John Morris Fernery.

The very elements that make the Palm House and the John Morris Fernery so successful, consistently high humidity and heat, also work against them. Both houses were deemed dangerously corroded in the 1950s and restoration measures were undertaken. But in both cases, the stop-gap measures were not enough. The Palm House was closed again in 1984 for extensive repairs to the iron structural elements and to replace glazing bars with corrosion-free steel. Its 1987 reopening coincides with that of the Fernery, which had deteriorated to a point where it too had to be closed to the public. The 1950's restoration of the Fernery substituted straight glass for the original elegant curved glass: the current restoration project while making needed repairs also returns the structure to the original more graceful conception. The Fernery's reopening is a part of The Morris Arboretum's celebration of its 100th anniversary.

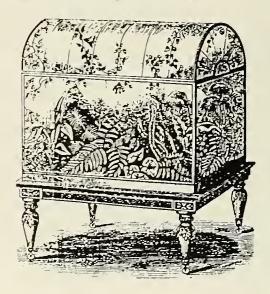
The exhibit honoring Victorian glass houses appears first at the 1987 Philadelphia Flower Show: then will travel to England's Royal Horticultural Society's famous Flower Show at Chelsea, May 19–22, 1987. At both locations, the glasshouse exhibit contains tropical treasures from important national resources. In Philadelphia, The United States Botanic Garden in Washington, D.C. contributes almost 100 plants, including colorful arums, from Alocasia amazonica to Xanthosoma lindenii 'Magnificum,' triangle palms (Neodypsis decaryi), and a profusion of orchids, begonias and beautiful blue foliage cycads from the Cape area of Africa. Vanilla, pepper, rubber and other economic

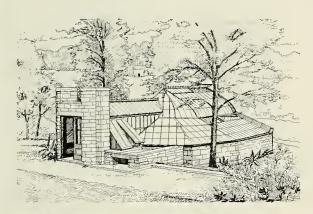
plants are featured for their historical significance. Chelsea's plants come from Kew's impressive collection of palms and tropical plants. Tea (Camellia sinensis), coffee (Coffea arabica), pepper (Piper nigrum), and banana (Musa acuminata 'Dwarf Cavendish') will be displayed in addition to the plants shown in Philadelphia.

"In their own ways," says Royal Botanic Gardens. Kew director Dr. Arthur Bell, "these conservatory and Palm House projects capture the historic spirit of botanical gardens. combined with the new and very relevant concern over environmental matters and plant conservation."

The significance of plants under glass becomes increasingly obvious as one strolls through the exhibit. Almost from the beginning, the technology was used simultaneously for pleasure and as a scientific tool for environmental management. The structure of the Wardian case used for transcontinental transport adapted nicely to late Victorian parlors. Wordsworth, Coleridge, Keats and their Romantic contemporaries took poetry from the neoclassic "mirror held up to nature" to a point where nature dominated. Parlor cases, filled with palms and ferns, spanned economic stratification and appeared in the front rooms of those who could never afford a glass house as well as in the parlors of the wealthy.

Wardian Case. Illustration from "Garden-Work: For Suburban. Town and Cottage Gardens." 1887.





John Morris Fernery at Morris Arboretum. Rendering by Colin Franklin.

Victorian England's love of things exotic. combined with rapidly advancing building technology and cheaper ways of manufacturing glass, gave birth to large-scale glasshouses. The Great Conservatory at Chatsworth, constructed of wood and glass by Joseph Paxton in 1841, spanned a full acre and had everything from tropical plants to free-flying exotic birds. The fad spread across the ocean and conservatories from Delaware to California tried to outdo each other, including Horticultural Hall, which covered one and one half acres of Philadelphia's Fairmount Park to celebrate the 1876 Centennial. Unfortunately both the Great Conservatory at Chatsworth and Horticultural Hall have been demolished, though they are represented by photographs in the exhibit.

One of the highlights of "Plants Under Glass" is a replica of the John Morris Fernery. Built by The Smithsonian Institution Office of Exhibits Central, Washington, D.C. this scale model measures nearly 8 feet long, 5 feet wide, and 38 inches tall. Plexiglas substitutes for glass inserted in the painted brass superstructure of the roof. Copper pipes simulate the original steam pipes. Approximately 20 planting holes, ranging from one and one half to three inches in diameter are spaced throughout the fiberglass "rocks" for maximum effect when planted. The "fernery" will travel to Chelsea, then become part of the Smithsonian's permanent collection.

Twentieth century applications of "Plants Under Glass" vary from the home terrarium to university experiments to outer space. One university project has a prototype of living quarters on Mars with a glass house shaped like a Mayan temple, fully landscaped to ensure psychological familiarity and recycling of

atmospheric nutrients and waste products.

Another extraterrestrial application of plants under glass is the University of Pennsylvania's HEFLEX, the HElianthus FLight EXperiment, studying the effects of low gravity on plant movement. Among the first to study the relationship between plants and gravity was the nineteenth century naturalist Charles Darwin. Today's experiments are conducted in Microgravity atmospheric chambers and in outer space. In 1983, Dr. Ulf Merbold planted seeds of the small sunflower *Helianthus annuus* 'Teddy Bear,' in a box with a plexiglass window aboard NASA's Spacelab-1, to determine the effects of low gravity on growth and movement.

Plant life on earth is Kew's prime consideration. The new Princess of Wales Conservatory is their latest botanic garden dedicated to the propagation, growth, study and conservation of plants, which support life. Tissue culture is one of the 20th century methods of mass producing plants under glass. A single shoot, placed in a gelatinous reproducing medium in a culture vessel, is capable of putting forth millions of genetically identical plants in just one year. With most of our medicine, and much of our food, fuel and fiber derived from plants, the reproduction capabilities of plants under glass becomes increasingly important as the world's population continues to grow while natural resources shrink.

Even though tropical forests cover less than two percent of the world's surface, they contain nearly one-half of our global plant and animal species. But more than 43,000 acres are destroyed *each day*, lost to lumbering, development, and other endeavors of 'civilization.' In our modern world, the value of preserving and cultivating to tropical plants is inestimable.

The creators of the "Plants Under Glass" exhibit celebrate the diversity of plants around the world. They demonstrate to an estimated half million people at the Philadelphia and Chelsea flower shows the importance of that diversity together with the modern technology that creates special environments for these plants. Future generations will depend on botanical gardens and arboretums to help perpetuate our life support system as we know it.

Anne S. Cunningham is a freelance journalist who writes frequently about horticultural subjects. Her work appears in the *Philadelphia Inquirer* and in a number of national magazines.



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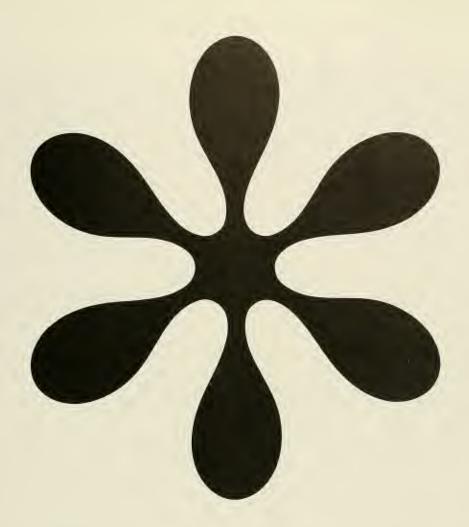
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X. C.

TEN DECADES OF SHOWS

EDWIN A. PEEPLES



ruising down the escalator from the bleak world of winter and into the Philadelphia Flower Show is like coming down on Christmas morning to the room where Christmas is. Only it's

spring. And the trees are in bloom, not decorated.

Spring breathing cool perfumes from great plots of tulips and daffodils; spring glowing in the masses of azaleas and rhododendrons, mountain laurels and wild flowers; exultations of spring in mirroring pools and tumbling waters; votive offerings to spring in long and varied rows of individual entries.

It was not ever thus. The road to this glory has been long, complicated, toilsome and abundant with incident.

A primal urge to show is natural to those who cultivate flowers and gardens. Some modest display is practical at a grower's home, but not even affluent horticulturists can welcome the number of guests that ought to view their gardens. Hence, the Flower Show was one of the earliest activities to engage the Pennsylvania Horticultural Society. In 1828, the year after the Society was founded, members held their first show in the rooms of the American Philosophical Society.

Although the exhibits were fairly elementary—potted or cut material displayed on tables or on the floor—that site wasn't adequate. Seeking a hall, the Society moved its spring and fall shows to the First Regiment Armory, Musical Fund Hall, Memorial Hall and the Chinese Museum before settling into the Masonic Hall on Chestnut Street. For all of this movement, the early shows offered interesting items: the first poinsettias in 1829; the first dahlias in 1832. The spring shows were in June, rather than March. After 1832, the Society abandoned the spring shows and held only fall shows.

In the middle of the 19th century many wealthy people had greenhouses, but forcing plants and holding them at the desired stage was not yet sufficiently understood to assure the results visitors are accustomed to seeing today. Also, forcing was expensive, and the Society was a creature of slim budgets and frequent deficits.

It was far easier to hold fall shows and reward members with prizes for growing plants naturally or for having a tasty knack for potting preserves and pickles.

Nevertheless, the Society's members' urge to welcome spring continued keen. When PHS's first strong president, William L. Schaffer, came to office in 1871, he reinstituted spring shows. PHS had subscribed and built its own Horticultural Hall on the site that later became the Shubert Theater, and the Society christened it in 1881 with the first spring show of a series that continued until 1917. World War I compelled suspension. Soon hard times forced the Society to sell the Hall, and their affairs fell into disarray.

PHS's next upswing began in 1919, with the election of another strong president, James Boyd. Boyd forced the Society to live within its income and began to build close relationships with garden clubs. He saw that influential women would be PHS's strongest asset because they had the interest, the means and the time to devote to horticulture. By 1926, Boyd had drummed up enough grass roots and distaff enthusiasm to resume spring flower shows.

He arranged for PHS to collaborate with a group of florists and growers called the Incorporators. Together they produced the first Philadelphia Flower Show at the Commercial Museum and drew a reported 84,000 visitors, a good turnout today, a staggering one for that time. The figure is suspect. The 1926 show was the first for which admission was charged. Figures from then on, which should be accurate, were: 1927—14,533; 1928—21,509; 1929—23,132. To prevent legal complications in a variety of administrative matters, the lncorporators founded the Philadelphia Flower Show, Inc. (PFS) in late 1927, which ran all of the spring shows until the 1960s (except during WWII).

The wealthy dominated the early shows. Beginning in 1929, Joseph Widener brought his tremendous acacia collection, and it became a backbone of the shows. FitzEugene Dixon entered major orchid exhibits. The John T. Dorrances and the Clarence Geists showed roses and standard geraniums. The central aisle





Participants at the 1927 Philadelphia Flower Show.

of 1929 featured 30,000 pink tulips. The 1937 centerpiece was a mountain range run riot with wild laurel and rhododendron. As a publicity stunt, the 1937 show dramatized flowers by wire by providing a place to wire flowers to friends and relatives.

War suspended shows from 1942 until 1947 when the Pennsylvania Horticultural Society resumed collaboration with the Philadelphia Flower Show, Inc. While figures are hard to come by during that period, records show that paid admissions went from over 72,000 visitors in 1956, to \$7,000 in '61, and dropped to 66,000 in 1964.

The 1949 show introduced a new floor plan with a long, central reflecting pool. This was the first show in which garden clubs competed in creating gardens. The project: rowhouse fronts.

Four hundred exhibitors participated in the 1949 Show, and the attendance was stimulated by the first Flower Show poster contest with contestants from the suburban and Philadelphia schools. Arthur Kaufman of Gimbel's originated this contest and Gimbel's conducted it for the Flower Show.

Word that shows had grossed \$130,000 over an eight year period stirred a member of City Council to proclaim that Philadelphia Flower Show Inc. was making a fortune and that the annual rent for the hall, \$1,500, should be jacked up to \$12,000. W. Atlee Burpee, then president of PFS, quelled this attempted grab by reporting that the show had in fact a net loss of \$33,712 during that period.

The Show might have continued under the

PFS if the city had not decided to build a new convention center on the site of the Commercial Museum where PFS held the shows. PFS welcomed the opportunity to suspend a show; attendance as the figures showed was declining: 1962—82,000; 1963-71,000; 1964-66,000.

Ernesta Ballard, the new executive secretary of the Pennsylvania Horticultural Society, argued that a hiatus in the flower show tradition might destroy the show. They must continue to hold a show every year. Did Philadelphia Flower Show Inc. object to PHS staging the show? Not at all. So the Society staged the 1965 show in the Armory of the First City Troop and broke even. They staged the 1966 and 1967 shows in the basement of Convention Hall, adjoining the new Civic Center, and made money on each.

The main exhibit hall of the Civic Center would be ready for a show in 1968. No one had engaged it. So the Society's Council negotiated a lease for the space, to the exclusion of the PFS management. To protest about that, Ernesta Ballard replied that PHS volunteers and garden clubs had, for years, done a lot of the work on the PFS shows with not much return for their efforts. The arguments prevailed and the Society took over.

"It was a daring gamble," Ballard says. "I'd never done a major show. Neither had Jim McCarvill, who would stage it. But really, there was nowhere to learn how to do such a show." Making it up as they went along, they staged the 1968 show at the Civic Center with a budget of \$500,000 and cleared \$56,000, although Ballard felt it was a poor show. The much better 1969

Bridal exhibit at 1927 Philadelphia Flower Show.



show drew poorly and lost \$40,000. That was the only year the Society lost money on a show.

Vincent Kling, one of the most glamorous architects in town, designed the 1970 show. It was a smash. By then show management had learned that the two most crucial factors about a flower show were: its plan must look good on paper to attract exhibitors and the traffic flow must be carefully worked out. Bad traffic flow could kill a show.

J. Liddon Pennock, Jr. has played a major role in the Show at different times with both the Philadelphia Flower Show, Inc. and the Pennsylvania Horticultural Society. Liddon became a director of the Philadelphia Flower Show, Inc. in 1950, was later elected secretary and became president in 1981. He was elected president of the Pennsylvania Horticultural Society from 1954 to 1957 and chairman of the Show run by the Society in 1983 and 1984.

His own Meadowbrook Farm exhibits at recent Shows have been predictably outstanding, and because he is perennially on hand at set-up at the Civic Center, he has been dubbed as the Show's Principal Perennial Advisor. Encouraging and supportive of other exhibitors, Pennock's tact often finds him elected to bear bad news when problems arise. For example, about 15 years ago, the planners had marked the exhibit boundary lines on the floor. Constant traffic scoured out many of the lines. Nurseryman Charlie Gale's fine exhibit was nearly completed where the lines faded. Pennock had to ask Charlie Gale to move the exhibit four feet in another direction. Incredulous, Gale inquired, "You mean it?" Pennock nodded. Wearily, Gale dismantled his exhibit and put it up again. He earned the enduring affection of everybody.

The Preview Dinner

Ernesta Ballard recruited a team of volunteers to initiate what is now the Society's biggest fund-raiser, the Preview Dinner. The elegant formal Dinner, which is held at the Civic Center the night before the Show opens to the public, has become the backbone of support for the Society's Community Outreach projects. The first Dinner, in 1966, at a charge of \$25 per person, drew 700 guests and was a great sucess. From the first, Society volunteers planned the seating, a practice that backfired only once: the year a guest of honor wouldn't come unless he could speak. A speaker's table was set up. People began shifting place cards to get near the table.

The caterer wouldn't serve until the milling throng sat down. When things settled, no one could hear any of the speeches. "That," says Ballard, "cured us of the speeches."

The Dinner has grown incrementally from 700 to the present 2,000 guests. Even among kings and shahs that's about as many as one can practically seat at dinner. Not only the Dinner, but also the Show has grown. Last year it attracted 230,000 visitors from near and far.

In 1980, Ed Lindemann designed his first Show, with an old Pennsylvania canal town theme. In 1981, Jane Pepper took over as manager and since then the two have collaborated, the former on Show aesthetics and the latter on the finances and marketing.

Themes have become important in recent years and Lindemann usually proposes his Show themes to exhibitors as much as two years before the Shows in which he wants to use them. "There is no end to their creativity" says Lindemann, "and we could use a Civic Center twice as large to stage all their dreams." In the early 80s, with themes such as A Trip to the Orient and A Touch of Britain, the Society attracted exhibitors from Japan and from a horticultural college in England to stage major exhibits. In future years Pepper looks forward to collaborating with other outstanding horticultural exhibitors from all over the world.

Owing to its popularity, the Show quickly outgrew the area it first occupied in the Civic Center in 1968, and has expanded steadily into additional parts of the Civic Center. This year, the Show has expanded by an acre, and now covers more than six acres in the Civic Center.

Being a Society intended for members, however, participation excites us as much as attendance growth. It is gratifying that the commitment of garden clubs and their members continues as do the exhibits by individual members. These along with the enormous activity of the major exhibitors and the faithful support of trade exhibitors and those who work at the Civic Center for various Show contractors, are the things that will assure the quality of future shows.

Edwin A. Peeples is the author of A Professional Storywriter's Handbook. His magazine writing goes back to Collier's, Saturday Evening Post and currently he is a regular contributor to Country Journal. He is also a frequent contributor to Green Scene, a bimonthly magazine published by the Pennsylvania Horticultural Society.





PHILADELPHIA FLOWER SHOW COMPETITIVE CLASSES



Miniature Room exhibit: Favorite Time—"Doll's Tea Time" by Eleanor McDonald. (36 in. wide including frame; 22 inches deep.) The miniscule live plants are ingeniously adapted to represent larger plants. Judges wrote: "Wonderful concept! Composition Lovely."

In 1987, exhibitors entered 245 Competitive Classes: Niches, Miniature Arrangements, Pedestals, Rooms and Tables, Miniature Rooms, Designs for Pressed Plant Material, Gardens, Terraces, Entryways and Horticultural Classes.

Flower Show Competitive Classes Open to Everyone

The Pennsylvania Horticultural Society will mail an exhibitor's schedule and guide to all Society members in September. If you are not a member and wish to receive a schedule, write to Flower Show Secretary, Pennsylvania Horticultural Society, 325 Walnut Street, Philadelphia, Pa. 19106

Photos on p. 30 thru 33 by Edmund B. Gilehrist, Jr.







"Design superior in all respects. The magnificently conditioned, unusual plant material is combined in a distinctive and original manner. A bouquet of infinite charm and diversity captured at the peak of perfection by a masterful artist." So the judges wrote about Katharine II. King's entry, named the outstanding medium niche of the 1986 Philadelphia Flower Show. King is a member of the Weeders.



Medium niche entry in 1986 Flower Show. "Second Time Around": a mass arrangement of poppies, tulips, anemone, carnations, hydrangea, roses, freesia, cyclamen, violets, peonies and others by Janet Mills, Garden Club of Trenton. The judges commended her "beautiful handling of superbly conditioned flowers."

Lion topiary by Radnor physician Kenneth Gordon. The body was created from baby's tears, mane from Kenilworth ivy.



COMPETITIVE CLASSES

continued



1986 "A Window on Main Street" Room entry by the Green Countrie Garden Club illustrates "Something Old, Something New." Diane Hanson and Martha Barron, Co-chairs.



Neal Shaffer's medium pedestal entry of forsythia, heliconia, button mums, galax flowers, cornflowers, protea and curly willow celebrate the "Forms of Nature."



First place Entryway winner on opening day at 1986 Show: Random Garden Club. Exhibit chair, Susannah Story. The judges noted: "Components tastefully presented."



Four Counties won first place with their Garden entry at 1986 Show: "On the Street Where You Live." Co-chairs: Hutchie Cummin, Aldys Davis and Mary Hopkins. Judges wrote: "A crisp and striking presentation that successfully fulfills the intent. Color handled boldly and beautifully."

PENNSTATE HORTICULTURE

Education

Penn State's student Hort Show gets more popular all the time and this year drew more than 36,000 visitors. Profits support student trips and activities.

*Undergraduate degree programs in horticulture are strong. Students can major in horticultural business and industry, crop production, or horticultural science.

Graduate programs are nationally recognized, and doctorate and master's degree students participate in departmental or interdisciplinary research. Some combine their work in horticulture with study in agronomy, genetics, plant physiology, plant pathology, or other related disciplines.

In addition, Penn State offers a unique technical program in Ornamental Nursery Management.

For information about the College of Agriculture, contact Dr. James S. McCoy, director of undergraduate student affairs, 217 Ag Administration Building, University Park, PA 16802, Tel. (814) 865-7521, or contact your county Penn State Cooperative Extension Service.

Extension

Penn State is a pioneer in urban gardening programs and a community resource for home gardeners. Faculty and staff prepare news and educational programs on sound horticulture practices and coordinate a statewide Master Gardener program.

The Penn State Cooperative Extension Service holds conferences, seminars, and workshops in many management areas of horticulture, including marketing, cultural practices, disease control, soil management, weed control, safe pesticide uses, and production environments for flowers vegetables. fruits, and ornamentals.

Research

In the 1960s Penn State researchers created Nittany Lion Red, the first commercially successful geranium grown from seed. In the 1970s specialist propagators were able to use Penn State's indexing techniques to produce quality geraniums free from bacteria, viruses, and fungi.

Research in horticulture at Penn State employs biotechnology and genetic engineering to create new plant varieties and to improve existing ones for commercial growers and home gardeners.

Penn State is known worldwide for the development of greenhouse energy conservation systems. Other current research includes propagation of perennial plants, tissue and cell cloning of woody plants, hydroponic production of strawberries, plant nutrition, variety selection, and weed control.







COMPETITIVE CLASS ENTRIES

Room Entrants

Gwynedd Valley Garden Club Pam Uglietta, *Co-Chair* Pat Hercus, *Co-Chair*

Haddonfield Garden Club Betsy Gagliadi, *Chair* Sandy Jones, *Vice-Chair*

Junior League Sustainers Garden Club Sally Garfield, Chair Betty Cochran, Vice-Chair

Maple Glen Garden Club Judy Finestone, *Chair* Sue Vollmer, *Vice-Chair*

Norristown Garden Club Helene Detwiler, Co-Chair Marie Heyser, Co-Chair

Garden Club of Princeton Sally Worm, *Chair* Barbara Bromley, *Vice-Chair*

Providence Garden Club Ruth Rahn, Co-Chair Beb Thomson, Co-Chair Dolores Thomas, Co-Chair

Unionville Garden Club Sally Jacobs, *Chair* Joanne Morris, *Vice-Chair*

Table Entrants

Crescentville Garden Club Karen Milbourne, *Chair* Harry Milbourne, *Vice-Chair*

Four Counties Garden Club Miffy Bright, Co-Chair Joy Burkhardt, Co-Chair

Greene Countrie Garden Club Sheila Ferguson, *Chair* Barbara Forde, *Vice-Chair*

James Hayden and Hope Coates Huntingdon Valley Garden Club Virginia L. Tietiens Chair

Virginia L. Tietjens, *Chair* Eleanore H. Gadsden, *Vice-Chair*

Our Garden Club of Philadelphia and Vicinity Jean Lewis, Co-Chair

Jean Lewis, Co-Chair Wilfreta Baugh, Co-Chair

The Planters Esther Biddle, Co-Chair Patty Billings, Co-Chair

The Garden Club of Wilmington Kathy Kristol, *Chair* Puss Schutt, *Vice-Chair*

Miniature Classes Entrants

Song Titles, Pre-1930

Helen Barnstead, Bruce Barnstead, Robert Courts Chris Drake and Ginny Simonin Edith Farnum Eleanor McDonald and Thomas Irons Cecilia Ross and Janet Ross Song Titles, Post-1930

Dorothy and Robert Freeman, Lisa Freeman Jane Hotchkiss and Kathleen Pitney M. Jane Smyth Thelma Tharp, Jeanne Tharp, Velma White Mrs. Robert T. Trump and Mrs. J. B. Van Sciver 3d

Garden Entrants

The Gardeners Pendie Bell, Chair Lucy Frack, Vice-Chair

Penn Valley Garden Club Anna Marie Amey, Susan Chapin, Lynne Freeland, Mim Whaley

The Weeders Elizabeth Dawson, *Chair* Beth Bartle, Cynthia Welch, *Vice-Chairs*

Wissahickon Garden Club Sally Fernley, Co-Chair Cornie Walton, Co-Chair

Terrace Entrants

Mill Creek Valley Garden Club Ruth Fergusson, Chair Marion Line, Vice-Chair Ann Wilson, Vice-Chair Norristown Garden Club

Joyce Fingerut, Chair Mary Garrity, Vice-Chair

Seed and Weed Garden Club Jean Putnam, *Chair* Lillian Warren, *Vice-Chair*

West Chester Garden Club Tunia Hyland, Co-Chair Gay Mason, Co-Chair

Entryway Entrants

Garden Club of Bala Cynwyd Grace Ann Agostino, Co-Chair Mille Gregg, Co-Chair Chestnut Hill Garden Club Augusta Leininger, Co-Chair Susan Rorer, Co-Chair

The Evergreens Betty Brennan, Co-Chair Florence Kleckner, Co-Chair

Greene Countrie Garden Club Jane Deming, Co-Chair Carol Ginty, Co-Chair

Huntingdon Valley Garden Club Elizabeth Kindt, Co-Chair Natalie Thomas, Co-Chair

Wayne Woods Garden Club Liz Mayer, Co-Chair Denise Slawter, Co-Chair

Collections—Class 200

Dr. and Mrs. G. D. Collins
Doris and David Kaufman
John L. Leonard
Julie Morris and Lee Raden
Random Garden Club
Barbara Allen, Co-Chair
Susannah Story, Co-Chair

Collections—Class 300

Garden Club of Philadelphia Ellen Goodwin, Co-Chair Anne Reed, Co-Chair

The Garden Workers Sara Harvey-Attig, *Chair*

Joanne Marano

Tony Starr and William F. Delafield Jr.

University of Delaware Horticulture Club Mark Starrett, Co-Chair Joseph Kemble, Co-Chair

Collections—Class 400

Our Garden Club of Philadelphia and Vicinity Eleanora Bond, Co-Chair Ruby Lewis, Co-Chair Valley Garden Club Barbara Howse, Chair West Trenton Garden Club

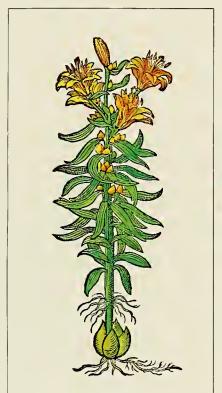
Marcia Felcone, Chair Barbara Smith, Vice-Chair

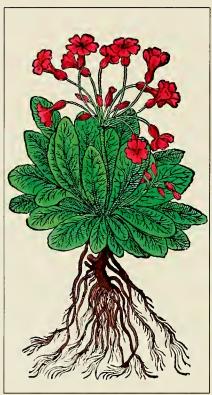
Wissahickon Garden Club Alice Farley, Co-Chair Deborah Evaus, Co-Chair

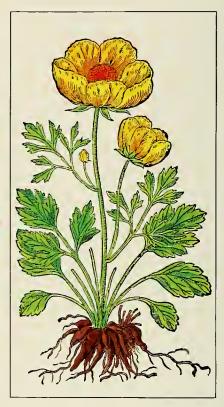


"To create a little flower is the labour of ages — The thankful receiver bears a plentiful harvest."

William Blake







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Let us show you how Delaware's laws offer the most favorable climate for the growth of your assets. Call Charles F. Gummey, Jr. at 1-800-441-7120.







DEMONSTRATIONS AND LECTURES

These demonstrations and lectures will be held in Pennsylvania Hall. See map on centerfold or go to the end of Trade Booth Section, along right hand wall. Go up escalator.

Sunday, March 8

10:30	Fun With Flowers—Allied Florists
12:00	Vegetable Sculpture—Joe Poon,
	Joe's Peking Duck House
1:30	Fun With Flowers—Allied Florists
3:00	Seed Starting Techniques—Steve
	Frowine, Staff Horticulturist, W. Atlee
	Burpee Company
4:30	Fun With Flowers—Allied Florists

Monday, March 9

10:30	Fun With Flowers—Allied Florists
12:00	Vegetable Gardening—Terry Mushovic,
	Garden Adviser, Penn State Urban
	Gardening
1:30	Fun With Flowers—Allied Florists
3:00	Ikebana—Member of Ikebana
	International
4:30	Fun With Flowers—Allied Florists
6:00	Plants for Greenhouses—David Scheid,
	Executive Director, U.S. Botanic
	Garden

Tuesday, March 10

10:30	Fun With Flowers—Allied Florists
12:00	Herbs for the Kitchen Garden—
	Sara Harvey-Attig
1:30	Fun With Flowers—Allied Florists
3:00	Ikebana—Member of lkebana
	International
4:30	Fun With Flowers—Allied Florists
6:00	Historic Anniversary of the
	Glasshouse—Rick Lewandowski,
	Morris Arboretum, Acting Curator of
	Horticulture

Wednesday, March 11

10:30	Fun With Flowers—Allied Florists
12:00	Drying Flowers for Home Decoration—
	Rita Precopio, Leah Riband and
	Helen Knauff
1:30	Fun With Flowers—Allied Florists
3:00	Ikebana—Member of Ikebana
	International
4:30	Landscaping Your Home—Joe Ascenzi
	and Craig Stevenson, Proprietors,
	Laurel Hill Gardens

6:00 The Shakespearean Garden— David Kipphut, Horticulturist, Lincoln High School

Thursday, March 12

10.00	** *** * ***
10:30	Fun With Flowers—Allied Florists
12:00	Growing Orchids in Your Home—
	Ted Plume, Plume Orchids
1:30	Fun With Flowers—Allied Florists
3:00	Ikebana—Member of Ikebana
	International
4:30	You Can Be Your Own Lawn
	Specialist—Andy McNitt, County
	Extension Agent, Phila.
6:00	The "House Plant Doctor" Will Answer
	Your Questions—Jim Logee, The
	Country Greenhouses

Friday, March 13

Tiretty,	March 10
10:30	Fun With Flowers—Allied Florists
12:00	Making Topiaries—Charles Rogers,
	Consultant, Philadelphia Zoological
	Garden
1:30	Fun With Flowers—Allied Florists
3:00	Ikebana—Member of Ikebana
	International
4:30	Pruning Trees and Shrubs, Paul
	McFarland, President, McFarland
	Landscaping
6:00	Houseplant Propagation—Jeff Myers,
	Greene Countrie Towne
	Administrator, Philadelphia Green
	,

Saturday, March 14

10:30	Fun With Flowers—Allied Florists
12:00	The Art of Korean Flower Arranging—
	Mrs. Ock R. Woo
1:30	Fun With Flowers—Allied Florists
3:00	Ikebana—Member of Ikebana
	International
4:30	Fun With Flowers—Allied Florists
6:00	Growing Up Green/Gardening With
	Kids—Sally McCabe, Citywide
	Administrator, Philadelphia Green

Sunday, March 15

10:30	Fun With Flowers—Allied Florists
12:00	Using Herbs for Home, Health and
	Beauty—Jeannine Vannais, Greene
	Countrie Towne Coordinator,
	Philadelphia Green
1:30	Fun With Flowers—Allied Florists
3:00	Ikebana—Member of Ikebana
	International



1987 FLOWER SHOW MAJOR EXHIBITOR DESCRIPTIONS



Gale Nurseries "Christine's Garden" won the "Best in Show" in the Aesthetic Category for a commercial exhibit as well as the Flower Show Award of the Society of American Florists at 1986 Philadelphia Flower Show.

Some of these exhibitors began planning for this Show more than two years ago, some just after last year's Show. All have spent a lot of time, thought and energy to create these beautiful exhibits. Their goal is to tempt and inspire us all to create the best gardens possible in our homes and communities.

African Violet Society of Philadelphia

2050 E. Örleans St. Philadelphia, PA 19134 Tom Seiler, Chair

Ye Olde Violet Society
Ye Olde Violet Society creates
an exquisite display of african
violets in an old fashioned
setting. The exhibit shows
many interesting varieties
grown by members in their
homes and apartments. Just an
example of what everyone can
do with african violets.

Allied Florists of Delaware Valley

Ganley's Flowers 1738 Rockwell Road Abington, PA 19001 William Ryan, Chair

For Persephone

Persephone, the daughter of Zeus, was abducted by Pluto to the netherworld and allowed to return each year only at springtime. Allied Florists pays tribute to this mythological character's love for spring with mass floral arrangements of varying height in wooden containers. Tropical foliage and evergreens provide a lush background for colorful blooms of Star Gazer lilies, bird

of paradise, miniature carnations, gerbera daisies, chrysanthemums and liatris.

American Rhododendron Society, Philadelphia & Valley Forge Chapters

RD #1, Kresson-Gibbsboro Road Marlton, NJ 08053 Ted Stecki, Chair

Rhododendron and Companion Plants

The layman and the rhododendron buff will delight in this colorful display showing how rhododendron varieties can be planted with companion plants to beautify the garden. Members of both chapters of the Rhododendron Society are on hand to answer questions.

American Rock Garden Society

412 Little Egypt Rd. Elkton, MD 21921 Fred M. Brown

Gardening on a Higher Level Twenty trough gardens filled with a variety of alpines, shrubs and grasses are presented in this display that features the miniature garden as an alternative way to garden in a limited space. A four-minute video tape explains how to construct a trough container.

F.A. Bartlett Tree Expert Co.

P.O. Box 3067 Stamford, CT 06905 John Grasso, Chair

Eighty Years of Progress

The science of tree care and preservation has come a long way since the days of Bartlett's founding 80 years ago. Here is a

display that contrasts the old and the new in tree care and selection. Popular varieties, such as the dogwood tree, are threatened in today's landscape by the borer and the airborne spores. The exhibit focuses on these problems and offers alternative plantings for the garden.

Brouse Landscape

2015 Pot Shop Road, R.D. #1 Norristown, PA 19403 Frank Brouse, Chair

Naturally Victorian
Many of today's homes could be landscaped successfully using an elegant Victorian design.
This garden features a formal expanse of lawn that leads to a

County Line Landscape Nursery

natural courtyard garden.

120 Main Street Green Lane, PA 18054 Harris M. Bieberfeld, P.A.N. and Denni Jones, Co-chairs

Outback

In the belief that structures, whether storage sheds, gazebos, or any other outdoor construction can be integrated into the landscape, the exhibitor has ehosen an outhouse to illustrate just how true this belief is. This is a "naturalized" scene in more than one sense of the word.

continued



MAJOR EXHIBITORS

continued

J. Cngliotta Landscaping, Inc. R.D. #10, Route 206 Vincentown, NJ 08088 Joe Cugliotta, Chair

The View from the Veranda A garden carved from a natural forest can be seen in its spring-time splendor. Flowering trees and shrubs harmonize with the perennials as they dance through the garden creating their own sensation. A lawn panel of verdant green carries the eye through the undulating vistas framed by the view from the veranda.

Delaware Valley College Rt 202 & New Britain Road Doylestown, PA 18901 John Martin, Chair

Blanket of Beauty
Groundcovers, both common
and unusual, are illustrated in
three environmental conditions.
In the shady area, trees
populate the landscape; in the
wet areas, a running stream
snakes across the lawn and the
elevated area shows groundcovers that thrive in full sun.

Delaware Valley Fern Society 412 W. Chelten Avenue Philadelphia, PA 19144 Kathryn Giomi, Chair

Ferns—A Plant with A Past From prehistoric time to modern day, ferns have changed little except for the gardener's growing appreciation for this versatile plant. This display shows, in picture and fossil, ferns from prehistoric times and features living specimens to contrast with ancient ferns.

Gordon Eadie Associates, Inc.
P.O. Box 982
Valley Forge, PA 19482
Gordon F. Eadie, Chair
The Wind in the Willows
A turn of the century garden
draws on a scene from Kenneth

Grahame's classic children's book, *The Wind in the Willows*. Ratty, Badger, Toad and Mole would be right at home in this pastoral setting with a water fountain, gentle willows bending in the breeze and a gazebo where they take their afternoon tea.

Fairmount Park CommissionMemorial Hall, West Park
Philadelphia, PA 19131
Carol Gangewere and William
E. Mifflin, Co-chairs

Guarding the Park Treasures from the 1800s can still be found today in Fairmount Park. In this display, a Vietorian Guard Box, benches and a simple bridge are placed in a curvilinear natural setting. Plantings are informal with emphasis on irregular shaped beds. The plants are selected for a variety of textures representative of the naturalized, and the display introduces species used during the Victorian era. Simple architectural features give the viewer an awareness of the history found in the Park.

Florists Transworld Delivery Newtown Square Flower Shop 12 Clyde Lane Newtown Square, PA 19073 Andrew S. Lemheney Jr., Chair

The Flower Follies
A theatrical background
highlights this display that
shows the versatility of flower
arranging throughout the floral
industry. Twenty different
styles, ranging from corsages to
mass arrangements, are
showcased in this fabulous
tribute to the florist.

Friends Hospital Roosevelt Blvd. & Adams Ave. Philadelphia, PA 19124 Martha Strauss and Ron Durham, Co-chairs Horticultural Therapy—A Program to Grow On Since the late 1700s this Quaker-based hospital has treated its patients in a wonderful, relaxed atmosphere where the emphasis is on recovery and growth. This two-part display shows the evolution of horticultural therapy at Friends' Hospital beginning with the passive conservatory growing methods to the more active hands-on methods used today in the hospital's greenhouse.

Gale Nurseries 1716 School House Road Gwynedd, PA 19436 Charles H. Gale, Chair

British Heritage This classical garden combines the masterful skills and techniques of our European legacy. Rosemary Verey, outstanding member of the Royal Horticultural Society, renowned for her gardening skills, has lent her expertise to this garden design that combines color, texture and water accents in an ideal setting for tranquil contemplation. The display features the Boniea shrub, a rose developed by Star Roses, recipient of the 1987 All American Rose Selection Award.

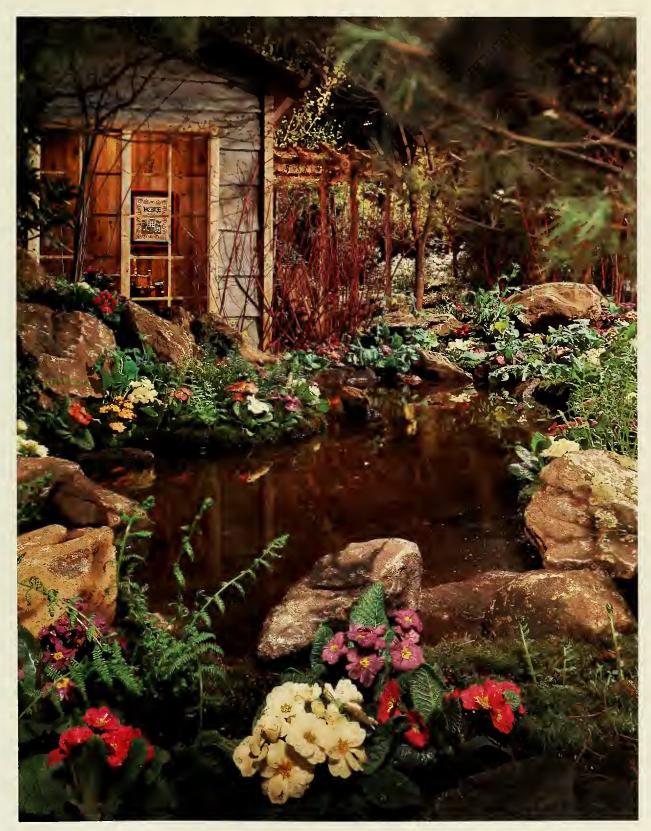
Gooseberry Bush Nursery Garden Center

304 Liouville Road Downingtown, PA 19335 Elaine Snyder, Chair

Past Reflections

The 18th Century springhouse sits as the focal point for this informal landscape. The irregular path and mass plantings allow the eye to wander through the natural setting. Cooling shade, informal underplantings and flowers provide a cheerful spot. The sound of water

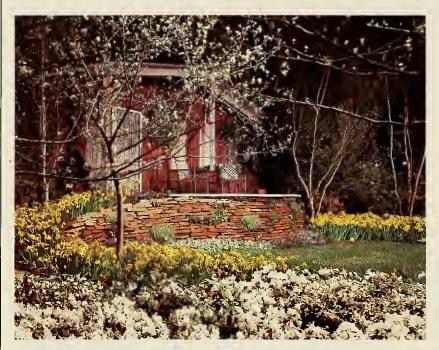
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County Line Landscape Nursery won the 1986 American Horticultural Society award for their exhibit "Through the Tall Pines": For an exhibit of horticultural excellence best demonstrating the bond between horticulture and the environment and which "inspires the viewer to beautify home and community through skillful design and appropriate plants."

MAJOR EXHIBITORS

continued



J. Franklin Styer Nurseries exhibit 1986 "Contemporary Seclusion."

creates an atmosphere of tranquility.

Grant-Leighton Associates 6008 Butler Pike, PO Box 80 Blue Bell, PA 19422 Suzanne Leighton, Chair

The Old and the New Remember when office or home decorating was a simple task? The possibilities have expanded endlessly with the addition of many new interior plants. Here Grant-Leighton Associates shows how plantings coordinate stylistic differences and give a feeling of unity to the old and new. An old building houses a new up-to-the-minute office. The outdoors are planted with the traditional rhododendrons, trees and other plantings; inside, the offices are softened with plants—some old and some new.

Peter Hellberg Company

332 North Main Street Chalfont, PA 18914 Sally Humphreys and Carolyn Waite, Co-chairs

Welcome Aboard

A stylistic interpretation of a cruise ship preparing to embark on a journey across the Atlantic. Six portholes frame a brilliant collection of flower arrangements each lending an energy and joie de vivre to the scene.

Highmeadow Gardens Inc.

684 S. New Middletown Road Media, PA 19063 Wayne Norton, Chair

A Sense of Place

A small space with an unsightly view can become an attractive outdoor living area as demonstrated in this display. Naturalized plantings of newer varieties and cultivars add interest to this multi-level garden.

Holly Society of America

PO Box 52 Wallingford, PA 19086 Betty Kassab, Chair

Ilex is Holly

From the Pilgrim settlement in 1627 to the Philadelphia Flower Show, 1987, holly has been a garden treasure. Species from the Orient, England, South America, the Canary Islands and North America contribute untold variety. The Holly Society gives us a glimpse into a wonderful collection.

Ikebana International, Philadelphia Chapter

2306 Jamaica Drive Wilmington, DE 19810 Phyllis Weeks, Chair

Ikebana

The exhibit of classical and contemporary arrangements of several schools of Japanese flower arrangement illustrate both constancy and change in the creative art of ikebana. The traditional styles of each school are still admired even though new materials and techniques have added ultra-modern arrangements to each artist's repertoire. Arrangements are changed throughout the week, allowing each school to display its versatility.

Daniel G. Kepieh and Associates

Box 152, 3425 Holicong Road Holicong, PA 18928 Daniel Kepich, Chair

Quiet Country Road—A Time to Reflect

Take a deep breath, delight in spring's early volunteers. Find a sense of place; a time passing or a thought to the future. In this scene, nature has the power to rejuvenate the spirit. Native woodland plants create a delicate trace of spring bloom. Dogwoods form the understory

to the oak and beech trees while trilliums and violets carpet the floor. Here on this quiet country road spring has begun.

David Lantt Florist, Inc.

10783 Bustleton Avenue Philadelphia, PA 19116 David Lautt, Chair

Au Naturel

Flowers look best in a natural setting and this display emphasizes natural hand-made containers and versatility of design. Crisp asparagus, fresh strawberries and fragrant lemons are arranged amidst fresh flowers to create an eyecatching arrangement that blends perfectly with its specially designed container of mosses, vines and roots.

LeRov's Flowers

16 North York Road Hatboro, PA 19040 LeRoy LaBold, Chair

There's No Place Like Home Plants and flowers from around the world bid a tearful goodbye as Oz's Dorothy prepares to set off on her trip home via hot air balloon. The launch area is massed with colorful blooms perfuming the air.

Abraham Lincoln High School

Rowland & Ryan Avenues Philadelphia, PA 19136 David M. Kipphut, Chair

Shakespeare's Garden
Flowers and plants are often
mentioned in Shakespeare's
plays as symbols of such recurring themes as joy, regret, hope
and love, from the heart of
nature and the heart of man.
Their beauty, like the beauty of
Shakespeare's plays, is both
universal and eternal. Along
with some of his more famous
quotes, this garden features
some of the plants commonly

known in his day and mentioned in his writings. The garden represents only a small part of Lincoln High School's Shakespearean Garden in Northeast Philadelphia. That garden, a collaborative effort between Lincoln's horticulture and English departments is the fourth garden to be completed by students and includes a three-tier fountain, a permanent stage and a small English sitting garden.

McNaughton's Nurseries, Inc.

351 Kresson Road Cherry Hill, NJ 08034 Harry Gamble, Chair

Memories of Yesterday Each of us reminisces during our lifetime about a special place or person. This carefully planned mini-environment is seen through the eyes of a child, 60 years later, dreaming of when she sat on her grandmother's lap and gazed out of her sitting room to an informal patio and garden. A peaceful setting, carefully blending architecture with landscaping, returns the imagination of all who view this garden to that special time in their own lives.

Meadowbrook Farm

1633 Washington Lane Meadowbrook, PA 19046 John W. Story, Chair

Garden Delights

This formal design incorporates topiaries, sculpture and lush container plantings in a structured garden reminiscent of early civilized styles. The display features a wide selection of container grown plants suitable for present day garden designs.

Robert W. Montgomery Landscape Nursery

Box 67-C, Rt. 113

Chester Springs, PA 19425 Robert W. Montgomery, Chair

Garden with Pool

Todav's secluded garden setting with splash pool was yesterday's small, unused back yard. In this display, a medley of delights awaits you. The renovated ... cedar shingled woodshed now serves as a pool house; the spacious stone patio invites entertaining, and the wisteria entwined arbor provides light shade and enclosure for the refreshing pool. The sound of cascading water leads to an invigorating spa. Stone and wood blend the contrasting textures of conifers, rhododendrons, azaleas, mountain laurels and birches. Masses of perennials and annual flowers spotted with bulbs create a continual show of color for season long enjoyment.

Morris Arboretum of the University of Pennsylvania

9414 Meadowbrook Avenue Philadelphia, PA 19118 Robert Gutowski, Chair

Plants under Glass

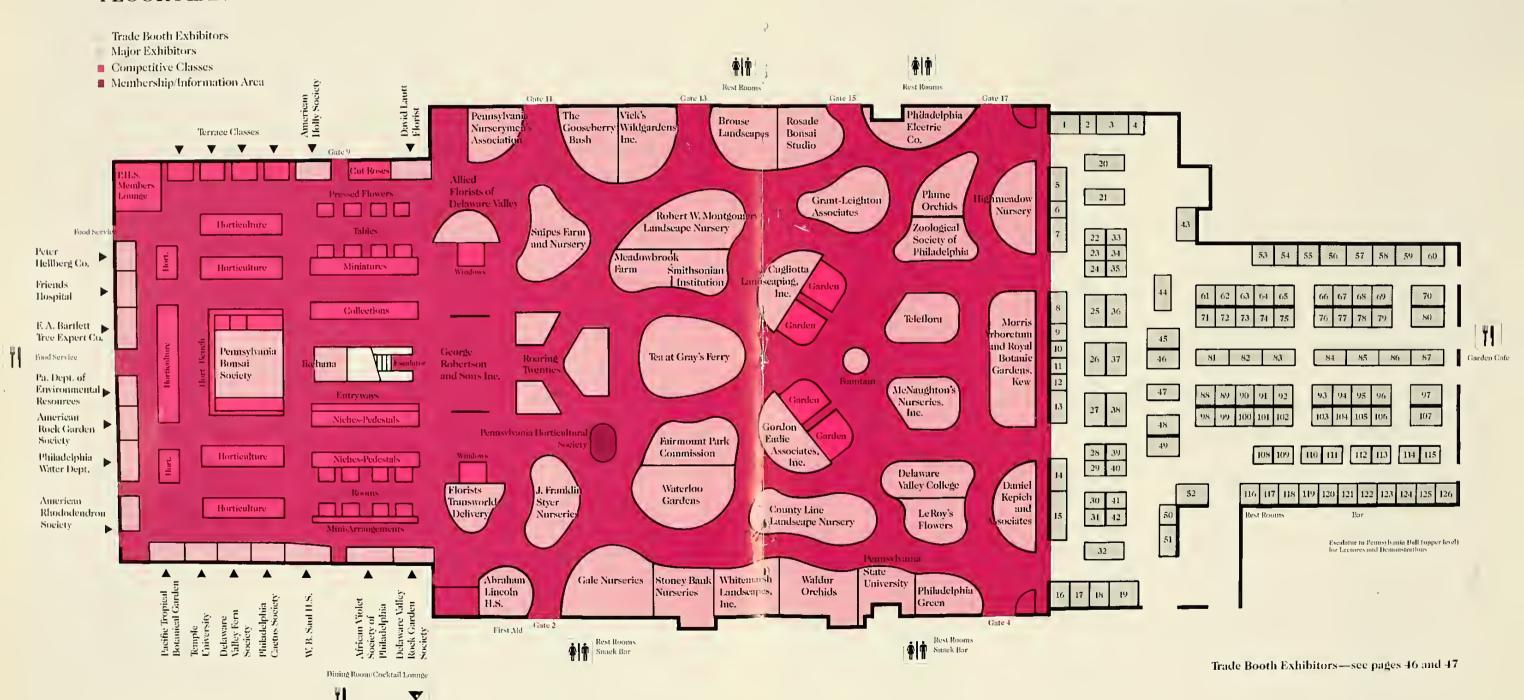
"Plants Under Glass" celebrates diversity in the plant world—as seen through glasshouse technology from the time of Victorian conservatories to current Botanie Garden and Arboreta plant and habitat conservation programs. This exhibit, a collaboration between Morris Arboretum and The Royal Botanic Gardens, Kew, is set in a replica of the Kew Palm House and a model of the John Morris Fernery, celebrating the 1987 restoration of the illustrious glasshouses. Graceful palms, spectacular begonias and other Victorian glasshouse plants give a feeling of tropical splendor.

continued



THE WAY WE WERE 1987 PHILADELPHIA FLOWER SHOW

FLOOR PLAN







TRADE BOOTH EXHIBITORS

Booth No.	Exhibitor	Booth No.	Exhibitor	Booth No.	Exhibitor	Booth No.	Exhibitor
104	A & A Bazaar	105	Cord Crafts, Inc.	85	Encyclopaedia Britannica	30	Richard Graber
	G. Annor Ackah	106	Peter L. Book		Barbara Bartseh	31	7412 Bingham Street
	575 General Knox Road		P.O. Box 595		329 Benjamin Fox Pavilion		Philadelphia, PA 19111
	King of Prussia, PA 19406		W. Paterson, NJ 07424		Jenkintown, PA 19046		Film, Pussywillows, Trees
	African Crafts		Sensational "Silk" Plants		Reference Books	97	Gravely International, Inc.
44	A. B. G. Company	96	Cottage Crafts, Inc.	59	English Thatch		G. R. Carey
	William D. Navratil P.O. Box 227		Joan B. Rutz 289 Lancaster Pike		Julia Thompson 2211 Brentwood		RD #2, Box 184-C
	Brightwaters, NY 11718		Frazer, PA 19355		Houston, TX 77019		Selinsgrove, PA 17870 Lawn & Garden Tractors
	Potted Plants, Hanging		Dried Flower Arrange-		English Thatch Roof	87	Greenview
	Baskets		ments, Potpourri, Floral		Birdhouses	(,,	Robert Wieringa
28	American Standard Co.		Accessories	7	Fischer Greenhouses		P.O. Box 317
	Nathaniel Florian	84	The Country Greenhouses		C. W. Fischer, Jr.		Lebanon, PA 17042
	P.O. Box 325		Jim Logee		Oak Avenue		Preen Weed Preventer
	Plantsville, CT 06479		Cook Hill Road		Linwood, NJ 08221	92	H & S Sales
	Ratchet Cut Pruning Tools		Danielson, CT 06239		African Violets, Azaleas		Harold Shatz
65	Anything Grows Greenhouse	66	Houseplants Country House Floral	53	Flower Hut Murray Diekman		7514 Sherwood Road Philadelphia, PA 19151
	Franklin J. Niedz	00	Helga Frazzette		110 Deer Path		Jewelry, Refrigerator
	1609 MeKean Road		95 Greenwood Road		Lansdale, PA 19446		Magnets
	Amhler, PA 19002		Andover, MA 01810		Fresh Cut Flowers	21	Haarlem Bulb Co., Inc.
	Rare House Plants, Bonsai,		Flower Arranging Supplies	70	Flowers by Dotti		D. Amand
	Orehids	122	Dallas Bonsai Garden		Dennis Rzaca		3271 Baseline Road
120	Aquatic Gardens	123	Fred & Elizabeth Meyer		412 MacDade Boulevard		Grand Island, NY 14072
	Mr. & Mrs. Schnoor		P.O. Box 384		Milmont Park, PA 19033		Bulbs & Plants
	P.O. Box 57 Jobstown, NJ 08041		Richardson, TX 75080		Fresh Cut Flowers	22	Happy Glass
	Water Gardens & Related		Bonsai, Bromeliads & Butterflies	57	Folio Art Glass Barbara & Ray Folio		Sara M. Quinby 2865 Walnut Hill Street
	Products	9	Dalton Pavilions, Inc.		32 Holland Lane		Philadelphia, PA 19152
125	The Barn Door	10	James E. Dalton		Colts Neck, NJ 07722		Leaded Stained Glass
126	Lorraine S. Evans		7260 Oakley Street		Leaded Glass		Suncatchers
	61 White Horse Pike		Philadelphia, PA 19111	47	William H. Frederick H, Inc.	52	Holland Imports
	Ateo, NJ 08004		Dalton Gazebo Pavilions		Robert Knox		Gloria DeGrood
	Sheds, Barns & Garages	43	Decor Shoppe		932 Bethlehem Pike		4729 Ramona Avenue
54	The Big Island Plant		Lee Varga		Montgomeryville, PA 18936		Philadelphia, PA 19124
55	Company Richard Courtenay Cittrell		4532 Maize Road Columbus, OH 43224		Patio Furniture, Baskets, Plants	102	Imports from Holland
	405 W. Washington, Suite 89		Dried, Silk and Paper	105	Frontier Fruit & Nut Co.	103	International Housewares Frank Polo
	San Diego, CA 92103		Flowers, Decorations	109	Raymond J. Karee		1790 S. Treasure Drive
	Tropical Plants & Orchids	41	Peter delager Bulb Co.		482 Somerset Road		N. Bay Village, FL 33141
26	The Blue Tree		Peter deJager		Akron, OH 44313		Floristree Flower Arranger
37	James A. Losty		188 Asbury Street		Dried Fruits & Nuts	94	Island Designs
	1728 Pheasant Lane		So. Hamilton, MA 01982	11	The "G" Boys Garden		Judith A. Lim
	Norristown, PA 19403 Cut Flowers, Hanging		Flower Bulbs	12	& Christmas Center		25 Cleftstone Road
	Baskets, Cactus	63 64	Desert Dan's Caetus Ed Wright	13	Ralph A. Gaudio Rt. 70		Bar Harbor, ME 04609 Embossed Notecards,
15	Brandywine Gardens	04	1012 West Summer Avenue		Marlton, NJ 08053		Calendars, Appointment
	Richard M. Lenat		Minotola, NJ 08341		House Plants, Supplies,		Books
	1027 Lenape Road		Large Cactus Specimens		Books & Ribbon	5	J. A. Nearing Co., Inc.
	West Chester, PA 19382	24	Devine Orchids	45	Gaudio's Garden Center		(JANCO)
	Cactus, Succulents,		Kristine M. Cox	46	Pat Foreina		J. S. Grasso
75	Flowering Plants, Pottery Buell's Greenhouses, Inc.		2130 Middle Road		One Woodhaven Mall		9390 Davis Avenue
13	Diantha B. Buell		Glenshaw, PA 15116 Orehid Plants		Cornwells Heights, PA 19020		Laurel, MD 20707 Aluminum and Glass
	P.O. Box 218, Weeks Road	80	Downer's Greenhouse		Foliage & Flowering Plants		Greenhouse and
	Eastford, CT 06242	(10)	Linda & Charles Downer	60	Globe Enterprises		Solaroom
	African Violets, Exotie		22010 SR 751	.,,,	Gloria Hess	88	Joy Associates
	Gesneriads		West Lafayette, OH 43845		961 Stafford Drive	89	Dale Joy
116	W. Atlee Burpee Co.		Houseplants		Toms River, NJ 08753		Box 144
117	Jonathan Burpee 200 Park Avenue	68	Dries Building Supply Co.		Kendo Mops		Telford, PA 18969
	Warminster, PA 18974	69	Dale A Dries	16	Gosnell's Greenhouses	11.2	Plants, Wire Baskets Kirkwood's Flowers
	Burpee Seeds & Accessories		3580 Brookside Road, Box #7	17	William Gosnell R.D. 1	112 113	Dean Kirkwood
39	Caprilands Iferb Farm		Maeungie, PA 18062		Box 495 D		2188 Beverly Lane
40	C. B. Geer		Garden Way Sunrooms		Blairsville, PA 15717		Clearwater, FL 33575
	Silver Street				Flowering & Foliage Plants		Cut Flowers, Dried Flowers,
	Coventry, CT 06238						Plants
	Herb Plants & Products						

Booth No.	Exhibitor	Booth No.	Exhibitor	Booth No.	Exhibitor	Booth No,	Exhibitor
42	Klima-Gro USA, Inc. Tom Davidson 300 Brighton Avenue Buffalo, MN 55313 Klima-Gro	32	The Oriental House Vincent Lu 176-21 80th Road Jamaica Estates, NY 11432 Vases, Bonsai Planters,	82	Raritan Valley Garden Center Woody Lin 1845 Highway 27 Edison, NJ 08817	81	Waldor Orchids Walter M. Off 10 East Poplar Avenue Linwood, NJ 08221 Orchid Plants and Related
18 19	Charles F. Kremp 3rd Florist Charles Kremp	23	Flower Arrangement Accessories Passiflora	101	Bonsai, House Plants, Dried Flowers Rocky Hollow Herb Farm	6	Supplies Wallingford Rose Gardens Joseph Kassab
	220 Davisville Road Willow Grove, PA 19090 Cut Flowers	207	Denise E. Blume Rt. 1, Box 190-A Germanton, NG 27019	102	Ann Kelly Box 38 Carlisle, SC 29031		6 E. Brookhaven Road, P.O. Box 52 Wallingford, PA 19086
61	Orol Ledden & Sons		Wildflower Seeds and Native		Herbs, Spices, Essential Oils		Hollies, Mahonias,
62	Donald Ledden		Plants	78	Roschill Farm		Camellias, Roses
	P.O. Box 7 Sewell, NJ 08080	56	Patio Enclosures Inc. Ronald R. Cuff 1670 Winchester Road	79	Patricia Berlen Gregg Neck Road	33 34 35	Walpole Woodworkers, Inc. Samuel D. DeForest 767 East Street
50	Seeds LeRov's Flowers &		Bensalem, PA 19020		Galena, MD 21635 Miniature Roses	ລວ	Walpole, MA 02081
.50	Gifts Inc.		Patio Enclosures	114	S & A Associates		Outdoor Cedar Furniture,
	LeRoy R. LaBold	48	Pella Window & Door	115	Stan & Sue Alten		Small Buildings
	16 North York Road	49	Company		876 Phillips Road	71 72	Well-Sweep Herh Farm Cyrus Hyde
	Hathoro, PA 19040 Plants, Cut Flowers,		Sharon S. Brown 250 Long Road		Warminster, PA 18974 Plants, Pottery, Flowers	12	317 Mt. Bethel Road
	Balloons, Dried Flower		King of Prussia, PA 19406	14	SunSpaces, Inc.		Port Murray, NJ 07865
	ltems		Windows, Doors, Sunroom,		Sheridan T. Arnold		Herb Plants, Dried Flowers
1	Lord & Burnham		Skylights		Main & Walnut Streets	119	Westminster Export Co. In
2	Robert J. LaRouche 228 Poplar Avenue	27 38	The Plant Place Gary E. McClain		North Wales, PA 19454 Greenhouses, Greenhouse		Jean Ker-Seymer 975 Chattahoochee Ave., NW
	Wayne, PA 19087	30	P.O. Box 414		Windows		Atlanta, GA 30318
	Greenhouse		Wayne, PA 19087	86	Swiss Maid Fudge Co.		Zyliss Vise
107	Martin's Aquarium		Cut Flowers, Potted Plants		Raymond J. Karee	93	Wildflowers by Cricket
	Joel Martin 101 Old York Road	3 4	Plume Orchids		482 Somerset Road		Cricket Luker 1266 Ridge Avenue
	Jenkintown, PA 19046	*	Theodore Plume 8S8 Welsh Road		Akron, OH 44313 Fudge and Candy		Manahawkin, NJ 08050
	Fish Tank Displays, Aquatic Plants, Caetus		Maple Glen, PA 19002 Orchid Plants	73	TerraCopia, Inc. Gary C. Corkins		Wildflower Tiles, Gifts
36	McTaggart's	58	Pottery Unlimited		2365 So. Main Street		•
	Robert B. McTaggart 909 Longmeadow Street		Patricia & Jessica Everett 87 Grandview Avenue Trenton, NJ 08620	00	Salt Lake City, UT 84115 Wallo Water		
	Longmeadow, MA 01106 Flower Arranging Supplies		Hand Painted Ceramics and	90 91	Timber Press Richard Abel		
99	Mini Handerafts Boutique		Gifts	, <u>.</u>	9999 S.W. Wilshire		
	Vincent Alves	29	Primex Garden Center		Portland, OR 97225		
	69th Street Terminal		David Green 435 West Glenside Avenue	20	Horticultural Books		(71)
	Upper Darby, PA 19082 Craft-things and Gifts from		Glenside, PA 19038	20	Tinari Greenhouses Frank A. Tinari		VIA
	Around the World		Books, Garden Accessories		2325 Valley Road		
76	Miraeon/Nature's Miraele	98	Quaker Hill Flowers		Huntingdon Valley, PA		
77	Edward S. J. Walsh		Shirley A. Dobbs		19006		The Market
	P.O. Box 151 Wood-Ridge, NJ 07075		52 Pleasant Street, RD #6	121	African Violets Trees Company		
	Nature's Miracle & Planteen		Vincentown, NJ 08088	1-1	Rob Hagarty		300
8	Mostardi's Nursery and		Dried Flowers, Crafts		2877 Lovell Avenue		
	Greenhouses Inc.	110	R. H. Company		Broomall, PA 19008		A PHILIA
	Stephen L. Mostardi 4033 West Chester Pike	111	R. Amand P.O. Box 43	74	Wire Sculpture Vegetable Factory, Inc.		AND
	Newtown Square, PA 19073		Grand Island, NY 14072	, ,	Fred Schwartz		527
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83	Ohio Dairyland Cheese Co.	25	R & S Associates		New York, NY 10169		
	Raymond J. Karee 482 Somerset Road		Richard Lenat & Stan Alten 876 Phillips Road	95	Solar Greenhouses Virginia Travel Council		
	Akron, Oll 44313		Warminster, PA 18974	98	Robert P. Nelson		2
	Assorted Cheeses & Meats		Flowering Plants, Pottery		P.O. Box 15067		A CA
100	Orehard View	118	Rain Forest Orchids		Richmond, VA 23227		
	Greenhouses		Bill Smith 1408 Rt. 539	=1	Virginia Travel & Tourism		A KOA
	John Eisenmenger RD #2, Box 99		Barnegat, NJ 08005	51	WCAU-TV Ann Brophy		
	Newton, NJ 07860		Orehids		City Line Avenue &		
	House Plants, Bulbs,				Monument Road		
	Hanging Baskets				Philadelphia, PA 19131		ala ala



MAJOR EXHIBITORS

continued

Pacific Tropical Botanical Garden

William L. Theobald, Director Box 340 Lawai, Kauai, HI 96765 Marc E. Code, Chair

Preserving the Past

This beautiful tropical setting conveys the message that tropical plants, a wonderful natural resource, should be saved. The Pacific Tropical Botanical Garden helps preserve rare and endangered tropical plants by collecting, propagating and exchanging them through an international living plant exchange program that in years to come will benefit all people.

Pennsylvania Bonsai Society RD #1, Box 502 Honey Brook, PA 19344 Howard McNeal, Chair

Bonsai

Bonsai, the art of cultivating trees in dishes as miniature forms of their large counterparts in the wild, is explored in a spectacular display of specimens grown by members of the Pennsylvania Bonsai Society.

Pennsylvania Department of Environmental Resources Forest Advisory Service

P.O. Box 1467 Harrisburg, PA 17120 Larry D. Rhoads, Chair

Tree Gardens from the Past—Pennsylvania's State Nurseries
Pennsylvania's State Nursery
System was established early in
this century to aid in replanting
forests that had been indiscriminately cut over late in the 19th
century. This display depicts
replanting in one of these areas,
the establishment of Mont Alto
as the first nursery, and the
accomplishments of the
Nursery System since then.



The Philadelphia Green exhibit at the 1986 Show demonstrates the transformations accomplished and future possibilities for gardening in the city. Philadelphia Green, the Pennsylvania Horticultural Society's community outreach program, works with communities and their leaders to green up hundreds of lots and blocks throughout Philadelphia.

Pennsylvania Nurserymen's Association

Pointoview Nursery, Inc. 952 Catfish Lane Pottstown, PA 19464 Troy A. Snowberger, Chair

Nature's Gnomes

Minimal maintenance and versatility are essential when planning today's landscape design. The dwarf conifer fits perfectly into today's fast-paced lifestyle by offering gardeners the choice of planting in a natural setting as well as in a foundation planting.

Pennsylvania State University

Neshaminy Manor Center Doylestown, PA 18901 Richard Bailey, Chair

Evergreen for the Landscape Seasonal color, texture and contrast are some of the features the evergreen offers in the landscape. This display gives the viewer a look at many varieties of evergreens and deciduous plants as well as some of the popular groundcovers used in today's gardens.

Philadelphia Cactus & Succulent Society

3 Rockridge Rd. Castle Rock Newtown Square, PA 19073 William D'Angelo, Chair

Succulents of the Old and New World

This educational display shows the many varieties of cacti that can be grown locally. Information on obtaining and growing cacti and succulents is available at the exhibit.

continued

MAJOR EXHIBITORS

continued

Philadelphia Electric Company

4040 Chestnut Street Philadelphia, PA 19104 Warren Baumgartner, Chair

Muddy Run Park-Energy and Environment at Work

Learning opportunities abound at PECO's Muddy Run Recreation Park. Outdoor workshops and programs are available there to school groups and other visitors. Electric generation, resource conservation and wildlife education are highlighted in a series of programs designed to demonstrate that energy and environment are compatible. The display depicts some of the many ongoing programs taking place at the Park.

Philadelphia Green

The Community Gardening Program of The Pennsylvania Horticultural Society 325 Walnut Street Philadelphia, PA 19106 Anne Vallery, Chair

Iced Tea at Gray's Ferry

A delightful sitting garden is the scene of this contemporary design that incorporates flowers and vegetables in an "urban pienie" setting. More than 17 varieties of vegetables and herbs are displayed along with some of the newer hybrids of old-time flowers being featured in the Show's central display. Tea At Grav's Ferry. Members of the Philadelphia Green Advisory Board are on hand to distribute information on community gardening and the Society's annual City Gardens Contest.

Philadelphia Water Department

One Reading Center 1101 Market St., 5th floor Philadelphia, PA 19107 Robert Walker & Joanne Dahme, Co-chairs

Water, Then and Now

The quality of our water supply is explored from Victorian times to present day. A period garden combines with a graphic display to compare today's state-of-the-art water treatment technology with the watering troughs and fountains used in days gone by.

Plume Orchids

SSS Welsh Road Maple Glen, PA 19002 Theodore S. Plume, Chair

The Way We Were Before We Were

Two hundred and twenty million years ago, long before there were any people, the earth was ruled by enormous reptiles. For 150 million years the dinosaur reigned and then vanished. This display recreates what the landscape might have looked like during the era of fossils and plants that followed the dinosaur's extinction.

George Robertson & Sons

8501 Germantown Avenue Philadelphia. PA 19118 Bruce Robertson. Chair

Drawing Room

Imagine waltzing through a lavish Gatsby-style ballroom, past a magnificent facade of elegantly arching French doors, and onto a gay, flower-strewn terrace. This is the scene that greets you as you descend the Show's escalators into a colorful, fragrant blossom-filled display featuring elegant flower arrangements, topiaries and "twenties" style furnishings.

Rosade Bonsai Studio

RD #1, Ely Road New Hope, PA 18938 F. Chase Rosade, Chair

Bonsai—A Changing Art Form A changing art and horticultural skill developed more than 1,000 years ago in China, has changed much during this time, from a potted plant to the Bonsai we know today, from collected trees to nursery plants, wooden boxes to ceramic containers. See the evolution of Bonsai in this garden-like setting complete with demonstrations on developing Bonsai from collected and nursery grown plants.

W.B. Saul High School

7100 Henry Avenue Philadelphia, PA 19128 Scott Geller and Joseph Weston, Co-chairs

Horticulture . . . A Tradition that Keeps Growing

The evolution of various gardening and landscaping techniques is featured in this scene surrounding a Philadelphia porch front circa 1825. The exhibit includes patches of blueberries, strawberries and brambles as well as a city vegetable garden bordered with flowers. Information about how to grow and dry herbs and an informative brochure on gardening and landscaping are available at the display.

Smithsonian Institution. Office of Horticulture

900 Jefferson Drive SW Rm. 2401, Arts & Industries Buildings Washington. DC 20560 James R. Buckler, Chair

A Romantic 19th-Century Garden

Romantic 19th-Century gardens featured elaborate embroidery



Backyard barbecue and pool nestle among rhododendrons and evergreens; the 1986 Flower Show exhibit by J. Cugliotta Landscaping, Inc.

parterres, bedding designs, and exotic tropical plants, as well as east and wrought iron garden furniture in many patterns and designs. During the Industrial Revolution, foundries massproduced urns, settees, fountains, and other decorative garden ornaments in many stylistic and revival forms including rustic, renaissance, gothic, classical and rococo designs. The plants and furniture displayed in this romantic garden are from the collections of the Office of Horticulture, Smithsonian Institution, Washington, D.C.

Snipes Farm and Nursery U.S. Rt. #1, Lincoln Highway Morrisville, PA 19067 Ingeborg Snipes, Chair Casual Living in Changing Times Family life on the back patio has changed greatly in 35 years. In the 1950s, limited space was given to the outdoor area, and it was edged symmetrically with decorative plants on a flat plane. Today's sophistication brings together innovative casual furniture, an unusual circular patio and curved beds. Plantings of groundcover, bulbs, shrubs and trees create subtle harmonies for casual living at its best in 1987.

Special Exhibits

Tea at Gray's Ferry July 17, 1787

On July 17, Washington recorded in his diary that "he made an excursion with a party to Gray's Ferry to tea." The garden was a "prodigy of art and Nature." Winding paths led to summer houses, over Chinese bridges, under arbors, into an

elaborate greenhouse where rare "new" plants were displayed, past borders with "every kind of flower," through groves of trees to vistas of the Schuylkill River. A scene from this garden is recreated as the Pennsylvania Horticultural Society pays tribute to the Bicentennial of the U.S. Constitution, in cooperation with Colonial Williamsburg, Independence National Historical Park, and Monticello, Thomas Jefferson Memorial Foundation.

Research: Elizabeth McLean
Design: Ed Lindemann
Staging: Bill Judd
Graphics: Rose Hull

This exhibit was sponsored by AT&T. See story on page 14.

Scenes of the Schuylkill . . . The Way It Was

The Pennsylvania Horticultural Society in cooperation with the School District of Philadelphia Four stained glass windows originally designed and executed for the School Administration building on the Benjamin Franklin Parkway are depicted in garden-like settings. The four views of the Schuylkill River, the Philadelphia Museum of Art and the sport of rowing indicate that life on the River hasn't changed that much in 60 years. The windows which were never installed are on public display for the first time at the 1987 Flower Show.

continued

MAJOR EXHIBITORS

continued

Stoney Bank Nursery

61 Stoney Bank Road Glen Mills, PA 19342 John Blandy, Chair

Down by the Old Mill Stream Here is a garden that uses the past. The Old Mill provides a starting point, like the existing features in any landscape, to be augmented with design and plants that enhance the natural setting.

J. Franklin Styer Nurseries

U.S. Rt#1, PO Box 98 Concordville, PA 19331 Roland Taylor, Chair

As You Like It

A contemporary American garden with a classic English pavilion proves an alluring combination in late spring. Wander along an allée of flowering white crabapples and a subtly-mixed palette of perennials. Find privacy and some delightful surprises beyond the pavilion. Rest a while. You've discovered a garden "as you like it."

Teleflora

Edgemont Flower Shop 934 Providence Road Media, PA 19063 Bernadette Dougherty and Karen Laich, Co-chairs

The Language of Flowers
Flowers have the power to
express many things for many
people. Here the special
language of flowers is interpreted through a kaleidoscope
of mass arrangements spanning
the Victorian era to present
day. An ornate cage holds the
Teleflora symbol of two live
doves.

Temple University

Dept of Horticulture & Landscape Design Haines House Meetinghouse Road Ambler. PA 19002 Donna Swanson, Chair

Do It. Dig It

Temple University's Ambler Campus offers many opportunities in landscape design and horticulture and this display highlights many of the careers and the people in these two fields. Also featured is a computerized garden depicting the restoration work being done at Temple's historic Beatrix Farrand Garden.

Vick's Wildgardens, Inc.

Conshohocken State Road, Box 115 Gladwyne, PA 19035 Albert F.W. Vick Jr., Chair

The Old Ways. The Best Ways
The practical and aesthetic use
of an old-fashioned American
waterwheel is portrayed in this
naturalistic display of wildflowers, ferns and native shrubbery.

Waldor Orchids

10 E. Poplar Avenue Linwood, NJ 08221 Walter Off, Chair

Orchids over Rio

Ever expanding growth and development are making once fabulous orchid habitats a memory. From a huge, rocky cliff overlooking the beautiful city of Rio de Janeiro, we glimpse nature's disappearing jewels of the orchid world. This exhibit represents a scene from the past, unspoiled by man: truly the way we were.

Waterloo Gardens

200 North Whitford Road Exton, PA 19341 Doug Jessie, Chair

The Formal Garden at Roselawn

A view of the fountain leads to a circular sitting garden teeming with color. A tall yew hedge surrounds the formal garden and separates it from a naturalized wood. Topiary and potted plants reflect the gardener's skill and care while curved benches invite you to stay, enjoy and return.

Whitemarsh Landscapes, Inc.

Stenton Avenue & Butler Pike Plymouth Meeting, PA 19462 Stanley M. Leighton, Chair

Bygone Days of Spring A delightful blanket of floral extravagance unfolds before backdrop of lush woodlands

extravagance unfolds before a backdrop of lush woodlands. A coldframe and a vegetable garden nestled among the flowers, add to the versatility of this springtime garden.

Zoological Society of Philadelphia

34th and Girard Avenue Philadelphia, PA 19104 Charles Rogers Jr., Chair

Meet Me at the Duck Pond Here's a look back into the Victorian Philadelphia Zoological Garden. The exhibit features mandarin ducks and Ross's geese on a lovely pond in a Victorian garden. The garden incudes pattern flower beds edged with variegated ribbon plants, begonias, ageratum and coleus with accents of large planted urns and two magnificent sago palms. A large assortment of cannas and azaleas complete the garden setting for a nostalgie stroll through the Zoo.



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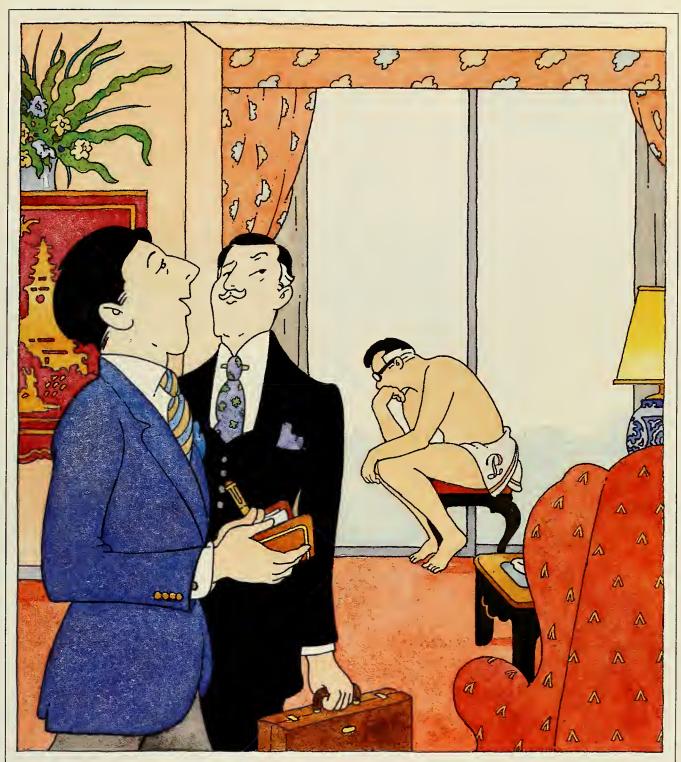






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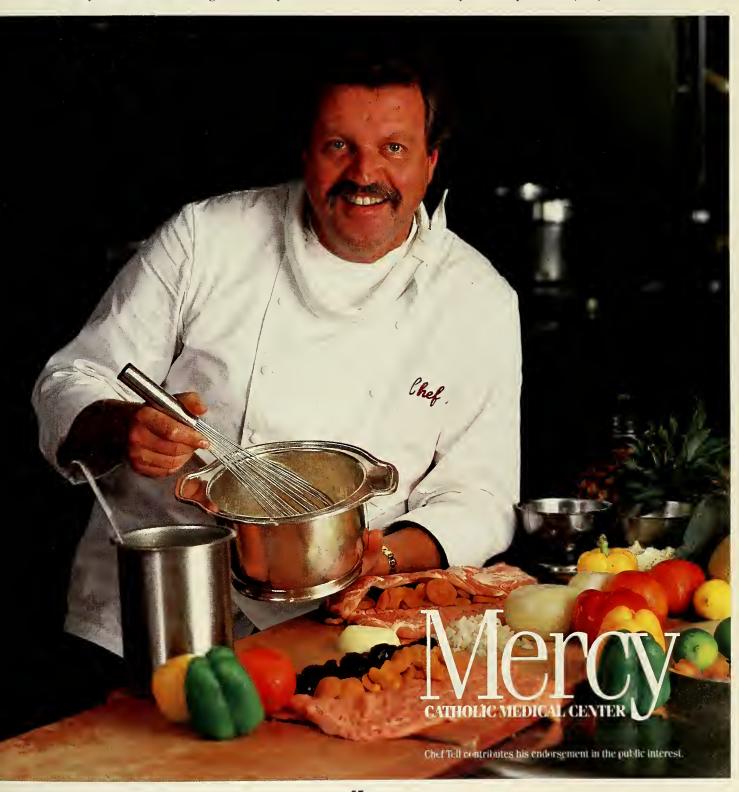
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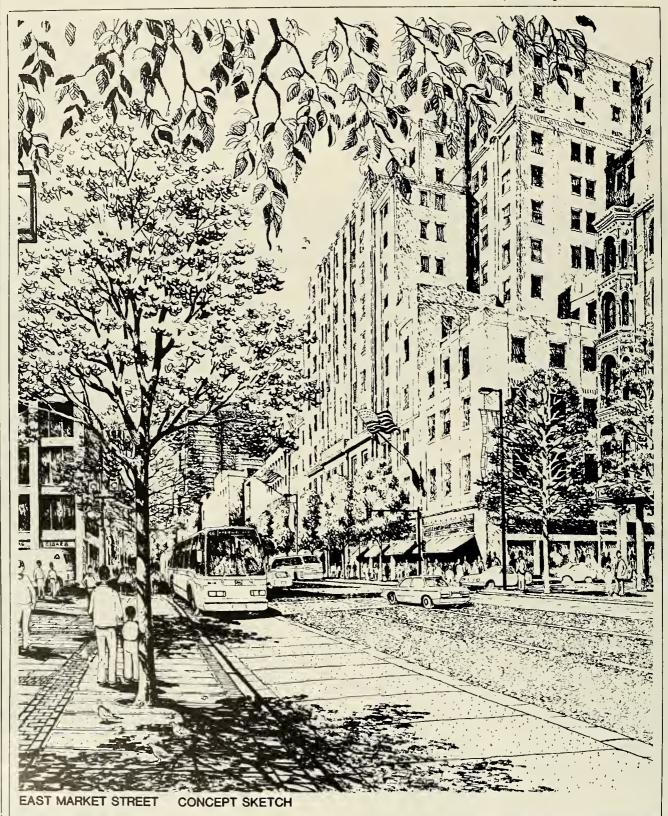
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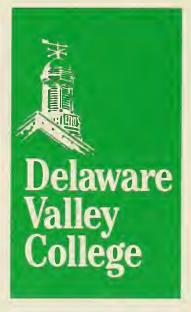
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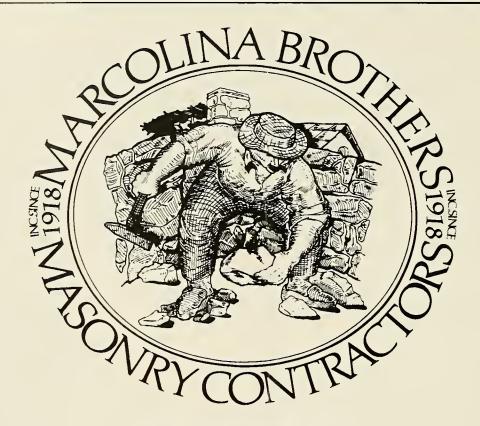
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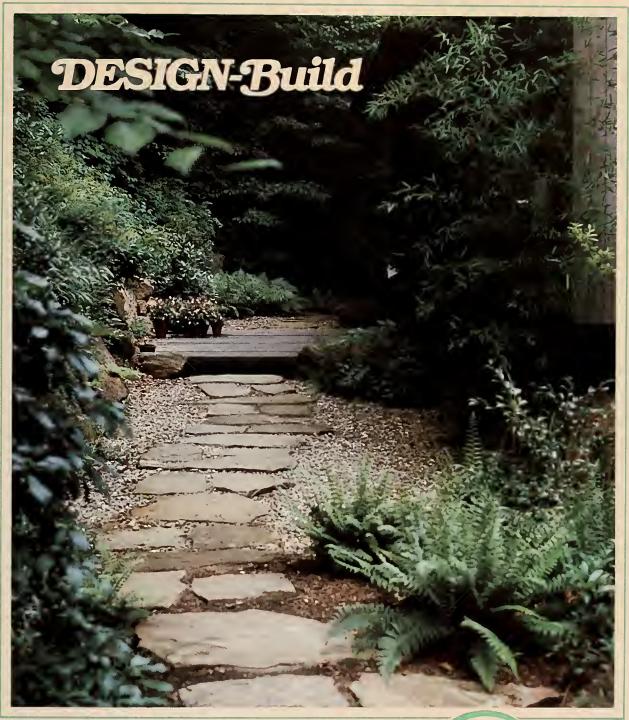
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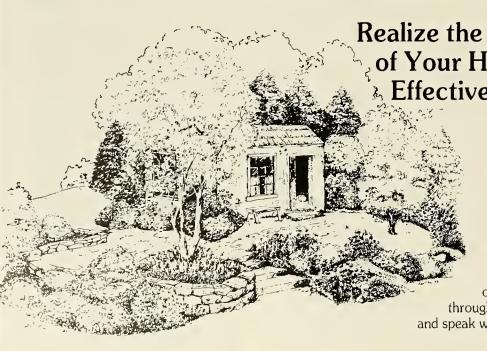


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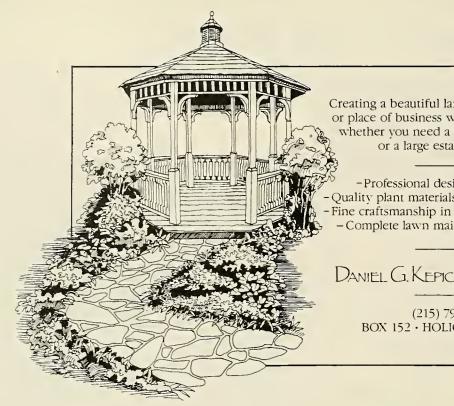
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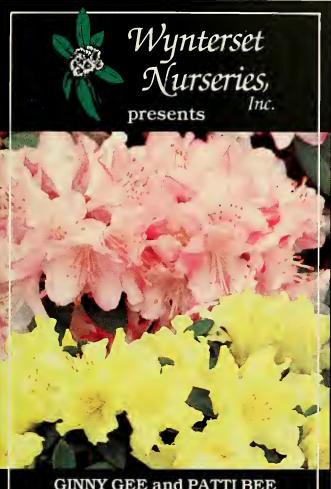
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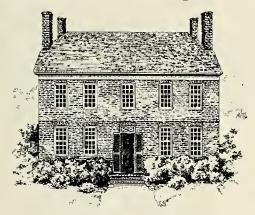
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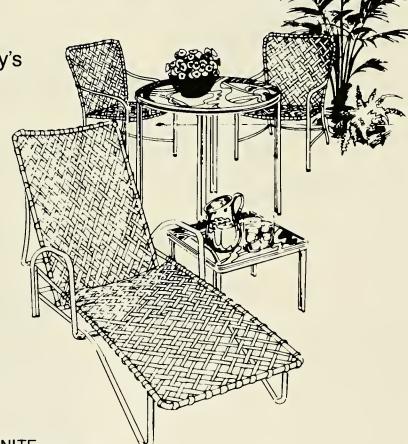
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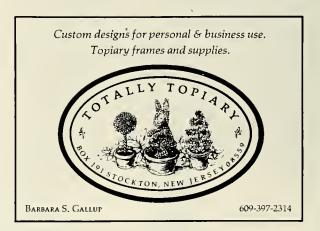


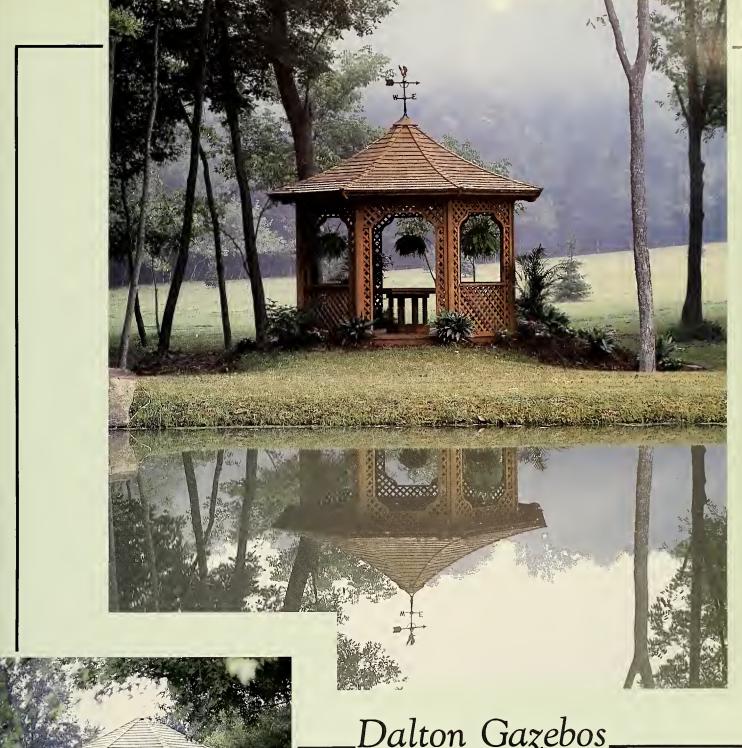




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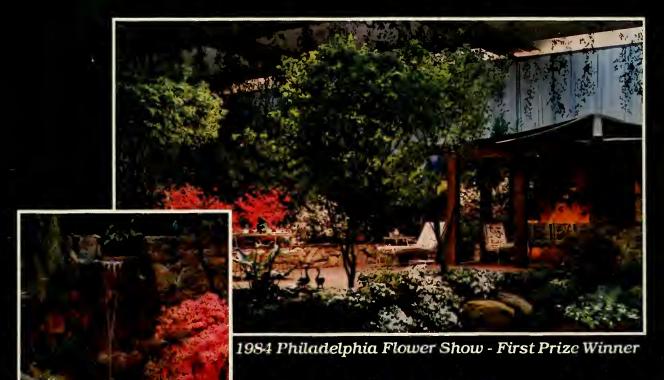
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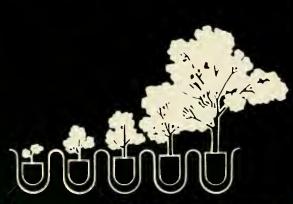
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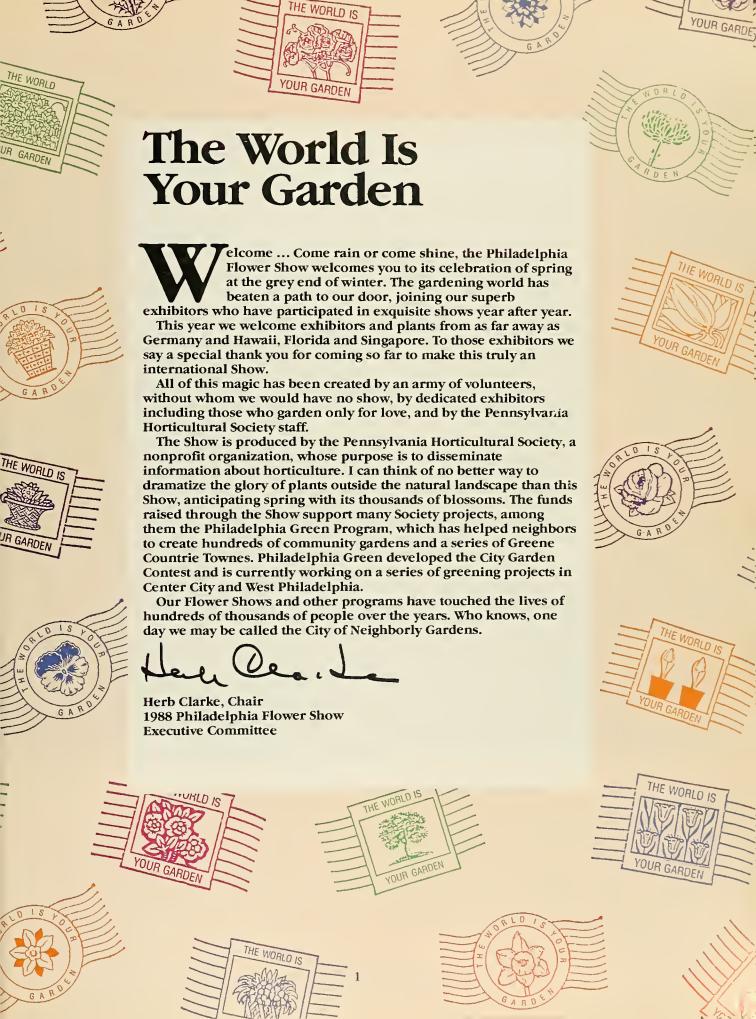
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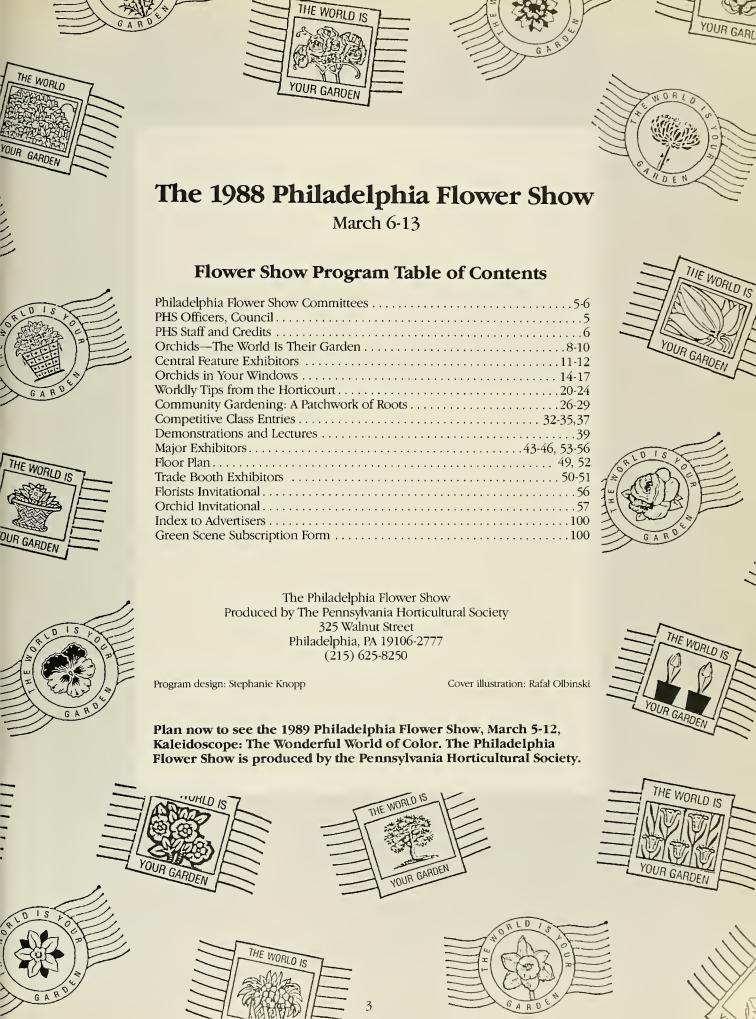


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Orchids—The World Is Their Garden

by Anne S. Cunningham

he splendor and romance of orchids was a truly magnificent part of the good old days especially dazzling when presented in spectacular, breathtaking extravaganzas. At the Centennial Celebration in 1876, Philadelphia's Horticultural Hall boasted a massive tropical display, featuring large classical ums filled with cymbidiums and colorful banks of other beautiful orchids. The intricate flowers fitted the Victorian's fascination with exotic, ornamental plants. Passionate orchid collectors went to great lengths to acquire such plants, including fictional detective Nero Wolfe who said, "I would prefer not to have it published that I hired a man to steal a flower."

New Jersey orchid Patriarch George Off spoke often about the mountains and fountains of orchids of the past. His favorite recollection was from the 1955 Philadelphia Flower Show, where the huge central display shimmered like a fountain from a distance, then as the viewer approached, resolved into thousands of sprays of cascading white Phalaenopsis. In the early 1980s, Off invited PHS president Jane Pepper and Flower Show designer Ed Lindemann to visit him in New Jersey to see his orchids and his collection of photographs featuring orchid displays from past Flower Shows.

George Off shared his memories with contagious enthusiasm. The visions he conjured up inspired this year's Central Flower Show exhibit, featuring a collaborative of the finest orchid collections from around the

world. Sadly George Off (1901-1987) did not live to see the glorious results of his persuasion, but the 1988 Philadelphia Flower Show is dedicated to his memory.

Where orchids are concemed, the world is indeed their garden. With an estimated 25,000 species, they represent the largest of all flowering plant families. They are native almost everywhere, from the woods of Pennsylvania to the steamy jungles of the Amazon River. New Jersey has more than 50 delicate native orchids. Depending upon the species, today's commercial hybrid orchids can grow as well in the cool eastern window of a farmhouse as in a humid greenhouse.

Fictional detective Nero Wolfe said, "I would prefer not to have it published that I hired a man to steal a flower."

Tropical orchids appear throughout this Show's Central Exhibit. The Pacific Tropical Botanical Garden from Kauai, Hawaii has a brilliant display that takes the viewer on a walk through a tropical garden. The Singapore Tourist Promotion Board and Singapore Airlines evoke a romantic evening in an Oriental garden, featuring the national flower, a purple and white hybrid Vanda Miss Joaquim and other plants from the Asiatic tropics. The Palmengarten of the City of Frankfurt, Germany encourages exploration, conversation and propagation with its display

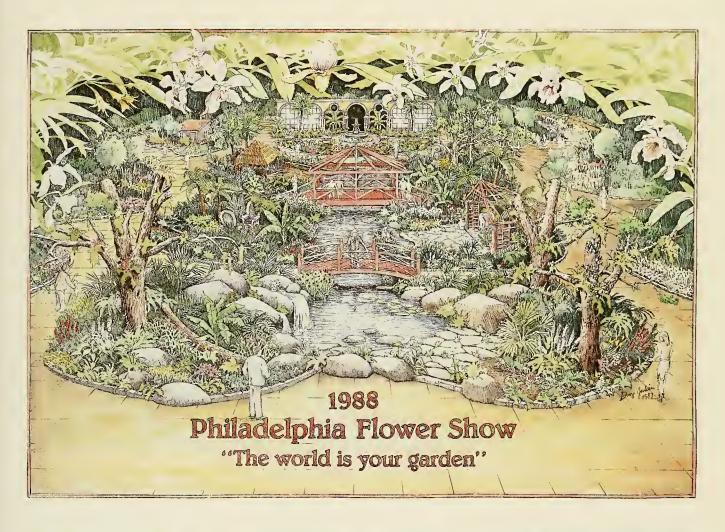
of orchids, bromeliads, palms and insectivorous plants. With more than 30,000 orchids in its collection, Washington D.C.'s Smithsonian Institution uses old and new kinds in its reconstruction of Philadelphia's Horticultural Hall of 1876. Geyserland Orchids of Rotorua, New Zealand sent blooms cut from new scented miniature cymbidium hybrids, cattleyas and paphiopedlums to show the variety in their collection, and also to remind us that the 13th World Orchid Congress will be held in New Zealand in 1990.

Two commercial growers play unique roles in the Central Exhibit. Waldor Orchids from Linwood, New Jersey, is run by George Off's sons Walter and Bill. In a magnificent tribute to their father and his love of orchids, they have more than 12,000 flowers amidst the driftwood and gnarled cork trees in their exhibit called "Orchid Serenity." Florida's famous Jones and Scully provides the lush background plants for the entire central feature, in addition to an orchid display that demonstrates the incredible variety of vegetation and treasures unique to the Florida Everglades.

One-Third Acre of Orchids

With such an abundance of plants, it was up to the Flower Show designer Ed Lindemann to coordinate the displays into one glorious central exhibit. With 5000 sq. ft. of space alloted to these orchids and other tropicals, he decided to link the exhibitors together with bridges and a bubbling stream of water flowing through a backdrop of tropical foliage that would augment, though not detract from, the beautiful flowers

When Lindemann left Philadelphia last April to visit Jones and Scully in Miami, he was looking for backdrop plants of 8-10 foot schefflera and weeping ficus like the ones he'd seen in local garden centers. "But it was like buying a boat," says Lindemann. "I planned for a reason-



ably sized outboard, then fell in love with a sleek 50-foot cruiser. It was a totally new kind of horticulture to me and a real education."

Bob Scully showed Lindemann through his stock in giant net houses, some as large as the Civic Center. Commercial-grade tropical foliage with 8-inch trunks, 20 feet across at the head, and as tall as 50 feet high revised the designer's thoughts for the Flower Show. Scully showed Lindemann a net house filled with an acre of 25-foot-high ficus, then another with an acre of 35-foot ficus, then continued through houses with more than 15 different kinds of palms.

Traveler's palms that look like peacock's tails and Paurotis palms with light green fans up to 12 feet in diameter offered just the feeling Lindemann needed for the Show. He discovered the delicate white bird of paradise, quite unlike its brightly colored relative, sporting a white flower with a tiny touch of blue. The intriguing texture of its dense, banana-like leaves makes a perfect tropical foliage backdrop for multicolored orchids.

Like a child set loose in F.A.O. Schwartz, Lindemann labeled his 60 plants for the 1988 Flower Show, then it was up to Jones and Scully to get them to Philadelphia. Pots containing the larger trees average 3 or 4 feet across and weigh one half ton or better," according to Bob Scully, but they acclimatize and transport them according to a strict formula.

Tropical foliage surpasses even

citrus as Florida's leading agricultural export, and since Jones & Scully frequently transports giant plants and delicate flowers as far north as Canada, getting Lindemann's order to the Philadelphia Flower Show posed little problem for them.

Plant Stress Handled

A stress sequence, programmed to acclimatize the plants to their destination, was intricately planned. Fork lifts and tractor cranes took the trees from their net houses to special buildings where they were subjected to low light and gradually increased levels of air conditioning. Carefully monitored for signs of stress or intolerance, the trees then went through a period of drying out. That made them lighter to transport and reduced



The 1988 Flower Show is dedicated to the late George Off, founder of Waldor Orchids and a long time Flower Show exhibitor, whose vision inspired this year's Central feature. The 1987 Waldor Orchids exhibit shown here won several trophies.

the humidity that might breed disease in the closed, heated trucks that carried them to Philadelphia.

The plants were checked one last time for disease and pests before they were packed. Even the smallest critter, undetected at the beginning of the trip, could wreak havoc on the stock by the end of a 48-hour voyage in a closed truck. Then the plants were wrapped and packed for shipping. Just as a florist wraps paper around small purchases, so these giant trees had to be packaged, to provide extra insulation and to protect them from falling and causing friction during the bumpy ride.

The tender loving care continued according to a strict formula. Lindemann and his crew at the Civic Center were ready to receive the plants whenever they arrived, day or

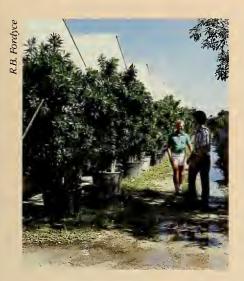
night. The Civic Center temperature had to be as close as possible to that of the transporting trucks. This was not the kind of delivery a driver drops off at the front door, so the fork lifts and cranes were staffed to put the trees precisely where they belonged. Once in place, the plants are allowed only a specified amount of water, to keep them alive yet avoid breaking dormancy.

Even when the 1988 Philadelphia Flower Show is over, the trees and other tropicals are handled carefully. Jones and Scully arranged ahead of time for their northern customers, zoos and atriums, office buildings and hotels to have first choice on the huge background plants. Once again, the trees will be wrapped and carefully transported to their new owners.

The beauty of the Philadelphia Flower Show sometimes makes it difficult to notice the trees in such a lush forest, but the Central Exhibit's orchids and tropicals from around the world attract visitors' attention right away. The gentle romantic fragrance, multiple colors and intricate designs of orchids make them most worthy of their reputation. Whether they are giant tree orchids, tiny miniatures, or the new windowsill-sized decorator cymbidiums, orchids will always receive the admiration and respect accorded to rovalty. 2

Anne S. Cunningham is a freelance journalist who writes frequently about horticultural subjects. Her work appears in the *Philadelphia Inquirer* and in a number of national magazines.

Central Feature Exhibitors



Philadelphia Flower Show designer Ed Lindemann (left) flew to Jones & Scully in Miami, Florida in November to select the tropical foliage for the Central Feature. Bob Scully and Lindemann are selecting some of the *Pleomele* used at the show. The glass houses behind the plants shelter Jones and Scully's extensive orchid collection.

Jones & Scully

18955 Southwest 168th Street Miami, FL 33187 Robert M. Scully, Jr., Chair

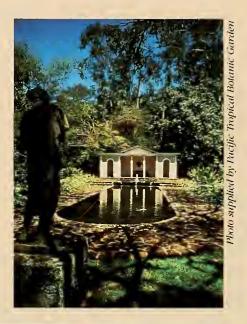
Jones and Scully's retail tropical plant collection in Miami, Florida, features orchids "for the discriminating buyer." At the 1984 World Orchid Conference in Miami they won the World Championship for a live orchid display, and at the 1987 Conference in Japan they won the top award for a cut orchid exhibit. The company's giant wholesale collection draws customers from all over the eastern United States and southern Canada. Their retail catalog is available for \$5.00 (phone 1-800-ORCHIDS).

Pacific Tropical Botanical Garden

P.O. Box 340 Lawai, Kauai, Hawaii 96765 Marc Code, Chair

A private, nonprofit corporation chartered by the U.S. Congress, the Pacific Tropical Botanic Garden covers 400 acres in Hawaii and has a smaller satellite garden in Florida. They use their displays to promote increased awareness and interest in tropical plants. By collecting rare and endangered plants, propagating, then distributing them, they work to preserve the tropics for mankind.

The Diana Fountain at The Pacific Tropical Botanical Garden in Lawai Kai. Hawaii.



The Palmengarten of the City of Frankfurt

Siemayerstrasse 61 6000 Frankfurt am Main 1 Germany

Dr. Gustav Schoser, Chair

The magnificent conservatory of the Palmengarten is famous for its rich collection of tropical plants. Its well-known revolving globe is the perfect symbol for the organization's concern and efforts toward conserving the diversity of the plant kingdom around the world.

Grateful thanks to Rohm and Haas Company, Philadelphia, for providing funds to assist in the transportation of orchids and horticulturists from The Palmengarten of The City of Frankfurt.



The Cactus Conservatory housing 1600 species of cactuses is one of 14 indoor plant conservatories at Palmengarten, which exhibit tropical & subtropical plants from all over the world.

continued

George Robertson & Sons

8501 Germantown Avenue Philadelphia, PA 19118 Bruce Robertson, Chair

Through the Orchid Arch

Serenity is the key word to describe the entrance to "The World Is Your Garden." Quiet pools complete with sculpted antique Japanese cranes flank the archway of cascading orchids,* and tropical foliage that welcomes visitors to the spectacular 1988 Flower Show. Inhale the fragrance and beauty as you pass under the arch comprised of thousands of orchids and tropical foliage. The peacefulness of this entrance sets the tone for your excursion through the wonder and exploration of the world as your garden.

*Orchids courtesy of: Singapore Tourist Promotion Board

Singapore Tourist Promotion Board

342 Madison Ave., Room 1008 New York, NY 10173 (212) 687-0385

Exhibit designed and staged by Charles W. Rogers, Jr.

Pioneering British colonials understood the lure of this rich tropical country. The Singapore Botanic



Vanda Miss Joaquim, Singapore's national flower featured in their exhibit.

Gardens is more than 125 years old and has everything from a fourhectare primary jungle with huge epiphytic ferns to an impeccable sundial garden featuring a colorful floral clock. From the first experiments with hybrid orchids, Singapore's floral industry has grown to today's level where millions of dollars of cut orchid sprays are exported each year. Singapore's Garden City Campaign, over the last two decades, has planted more than five million trees and shrubs as part of their serious urban greening commitment.

Singapore Airlines

535 Fifth Avenue, Suite 1206 New York, NY 10017 (212) 953-9175



Orchids are featured in a Victorian Horticultural Extravaganza in the Smithsonian Institution's Arts and Industries Building.

The Smithsonian Institution

Office of Horticulture Arts and Industries Building, Room 2401 Washington, DC 20560 Karen J. Miles, Chair

The Smithsonian's National Orchid Collection is in keeping with the scale of the Institution's other collections—outstanding. More than 30,000 orchids fill three greenhouses in Washington, DC. Although not open to the public, special tours occasionally are arranged with advance notice.



Walt (left) and Bill Off of Waldor Orchids.

Waldor Orchids

10 E. Poplar Avenue Linwood, NJ 08221 Walter M. Off, Chair

The Off family has just about everything in their wholesale and retail greenhouses in Linwood, New Jersey. A wide variety of immaculate orchids is enhanced by specialty items like the unusual New Zealand white sphagnum used for propagating and rejuvenating sick plants. Waldor's popular orchid rental business appeals to customers who want the beautiful, showy blooms all year around.

Thanks to AT&T for a generous grant to help underwrite the costs of this year's central feature. We greatly appreciate AT&T's participation in the 1988 Philadelphia Flower Show.

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Orchids in Your Windows

by Charles Marden Fitch

any tropical orchids will thrive at bright home windows. Orchids in my windows prosper tucked in among companions such as begonias, gesneriads and hoyas. On shelves in front of picture windows in my living room grow orchids from Asia, Africa and Latin America. The plants thrive because light is bright, temperatures stay above 60°F during winter nights and humidity is a reasonable 50 to 60 percent.

Orchids grow more slowly than begonias, geraniums, gesneriads and most other popular houseplants but they do well mixed in with such compatible companions. For example, if you already succeed with African violets, you can add a few *Paphiopedilum* (tropical lady slipper) orchids or *Phalaenopsis* (moth orchids) in the same environment with confidence the orchids will prosper.

In the New World tropics, orchids frequently grow in trees with other epiphytic plants such as rhipsalis, fems and bromeliads. In Asia epiphytic companions may be hoyas and tropical fems. On home window sills these tropicals are natural orchid companions, each species contributing to the overall beauty of your window garden.

The Environment

For maximum success select orchids suited to the window environment you can provide. Older houses may have loosely fitting frames that let in cold winter winds. If your window areas are cool (i.e. down to 50°F winter nights) choose orchids from semi-tropical regions or high altitudes. These selections include cymbidiums, most greenleaved paphiopedilums and countless hybrids of odontoglossum, all suited to a cool situation.

More common conditions on home window sills in winter (60 to 65°F) are suitable for mature cattleyas, paphiopedilums of all sorts and phalaenopsis. Design your window growing area to offer orchids maximum light. Morning light is especially good for orchids since it is bright but not too hot. Fill in spaces between orchid pots with companions such as begonias, gesneriads and foliage favorites.

Humidity

A healthy relative humidity of 40 to 50 percent will keep you and your orchids in good condition. Lower humidity leads to sinus problems, dry skin, cracked furniture and worst of all weak orchids.

To increase moisture in the air around your orchids arrange trays of moist gravel or water filled with grids on which I place the orchid pots. At my home I use a wide shelf to hold 12-inch wide by 22-inch long plastic trays. Keeping wet gravel in the trays increases humidity around the plants. Grouping companion plants around the orchids further helps maintain humidity in the window micro-environment.

Light

In the northeastern United States

orchids can accept direct morning and late afternoon sun through window glass. During warmer months, late March through August, orchids at southern exposures will need some shade, especially from 10 a.m. to 4 p.m. Genera have varied light requirements. A few generalities are:

Brightest Light
Cattleya
Cymbidium
Dendrobium
Most orchids with
glaucous foliage.

Medium to Low Light Paphiopedilum Phalaenopsis Odontoglossum

When shifting an orchid from low light, such as a fluorescent light garden cart or shaded greenhouse, to a sunny window provide shade of blinds, foliage overhead or thin curtains. At times I have moved a blooming orchid from the greenhouse to a sunny window without providing shade and some orchid foliage got sunburned.

To illuminate plants for nighttime viewing I like to have small floodlights and fluorescent lamps above each window. I hide the fixtures behind a wooden valance. On dark days these same lights provide extra illumination for the plants. Use widespectrum fluorescent lamps for maximum efficiency (Wide-Spectrum Gro-Lux, Vita-Lite, Naturescent, G.E. Chroma 50 etc.). To dramatize red and purple flowers install standard rose-toned Gro-Lux fluorescents.

Flower Time

Once orchid flower spikes begin growing, avoid turning plants until most of the buds are open. Reorienting the orchid while an inflorescence is growing usually causes an ungainly display of flowers. Once most buds are open, with flowers often facing the light source, you can re-orient the plant without having flowers twist in an unattractive manner.

For maximum beauty and a constant supply of orchids in bloom

grow some plants in a greenhouse or under fluorescent lights. Some of my orchids grow under fluorescents in the basement. When flowers are open move the plants into your window display area. With this system of rotation your window garden will always have some flowering orchids. If you only have window areas for plants, then choose orchids that have long or multiple blooming periods.

Orchid flowers on plants at windows may last even longer than comparable blooms on plants in a greenhouse because home temperatures are often cooler. The reverse may be true if the window environment is polluted with smoke from tobacco or cooking.

Roots

In the wild some popular orchids grow in loose leafmold, gravel and moss, as terrestrials. Indoors these terrestrial types are easy to understand if you are already growing the more common exotics such as gesneriads, begonias, and foliage plants.

Terrestrial orchids thrive in well-drained pots of loose humus, fir bark, sphagnum moss, gravel and charcoal, all similar to the potting soils used for African violets and some bromeliads. Most commercial growers offer potting mixes suitable for the orchids they sell. Terrestrial orchids that thrive in bright windows include paphiopedilums and miniature cymbidiums. Such orchids do well when kept lightly moist, with slight drying between waterings, much like the culture needed for healthy geraniums.

Orchids adapted to life on trees, shrubs, and rocks thrive in captivity when grown in loose mixtures of ground fir bark, hardwood charcoal, coarse sphagnum moss and similar materials. Experienced orchid growers are like cooks each having a favorite blend of ingredients for the orchid medium.

I find many orchids adapt to a wide range of potting materials so long as drainage and air circulation



Phalaenopsis hybrids.

are good. In my collection orchids do well with several blends based on ground fir bark or tree fem with additions of coarse sphagnum moss, perlite and hardwood charcoal. To increase air circulation and drainage I may use plastic foam "peanuts," common as packing material around delicate items being shipped. Check with any commercial orchid grower for recomendations of practical mixes in your area.

Watering

Growing orchids in well-drained pots is your first step toward correct watering. Soak roots until water pours out of drainage holes. In some situations you may have to water plants at a sink or bathtub. Epiphytic orchids, especially those with waterstoring pseudobulbs, should dry at

the roots between waterings, just short of having their stems shrink. Clear plastic pots are useful in learning watering techniques because you can see the roots and judge medium moisture content.

Soak terrestrial orchids (and all seedlings) at the roots, then let them get almost dry before the next drench. Using appropriate potting mixes works along with correct watering to encourage healthy roots, the key to sturdy plants. Keep water at room temperature or slightly warmer. Watering on sunny momings is best. Water remaining on leaves or new growths at night fosters rot.

Fertilizer

Orchids respond to balanced dilute fertilizer by making sturdy growths with more flowers, provided

continued

other factors (light, humidity, watering) are in balance. I use watersoluble fertilizers such as Peters or Miracle Gro but at concentrations less than package notes recommend. For example, I mix only one-half teaspoon per gallon with the popular 15-30-15 or 20-20-20 formulas. Orchids grown in mixtures that are mainly bark do best with 30-10-10 (high nitrogen) formulas to compensate for nitrogen made unavailable by bacteria that decay the wood.

Apply fertilizer solution at 7- to 10-day intervals when plants are making new growths. Many orchids slow down for a rest after new growths are formed. Withhold fertilizer from such resting plants. Root stimulating hormones in products like Super-Thrive help newly potted plants get established. I use a few drops of SuperThrive in every gallon of water about once per week.

First Choices

Choose mature established potted plants as your first orchids. Healthy mature orchids are more forgiving of cultural variations (beginner's errors) than seedlings or newly potted specimens. Since you will be growing orchids for flowers, blooming sized plants are a good choice. Note that hybrids are usually more adaptable than pure species. Modern hybrids are often bred for better flower color and shape plus increased flower production.

Great Genera for Bright Windows

Cattleya The term cattleya is applied to many hybrids having general cattleya type growth and flower form. The actual parentage of modern hybrids may contain related genera including Brassavola, Laelia, Sophronitis, etc. In recent years breeders are offering more small growing selections called mini cats. I find those with C.luteola and C.forbesii (both yellows) as one parent adapt well to home culture. Cattleyas and related genera grow as

epiphytes. Many cattleya flowers are delightfully perfumed. Modern hybrids are available with most colors except true blue and black.

Cymbidium Modern hybrids come in many bright colors including red-maroon, green, yellow and white, all with darker colored lips. Flowers appear on upright spikes and last many weeks. Those best suited for windows are sold as Miniature Cymbidiums. Unlike the large cymbidiums often grown outdoors in California, the miniature hybrids do not need low fall temperatures to bloom. The term "miniature" refers more to flower size (2-4 inches) than to mature plant size. Allow at least 2 square feet for a mature miniature cymbidium in an 8-12 inch pot. Cymbidiums are grown as terrestrials, in coarse soil mixtures, although some species may grow as epiphytes in the wild, often in collections of leaf mold at tree branch junctions.

Paphiopedilum These terrestrial tropical lady slippers are appreciated for waxy textured pouched flowers, with odd decorations of hairs and warts. The types with mottled foliage such as Paph.Maudiae bloom best under average home conditions. Flowers often last 30+ days on the plant. Highly developed hybrids have imposing round flowers with broad top petals, a striking contrast to many pure species and primary hybrids. Which types you choose depends on personal taste since most adapt well to window gardens.

Phalaenopsis The moth orchids are available with flowers in white, pink, yellow, red, orange and combinations of these colors. Those hybrids with species P.violacea or P.lueddemanniana as one parent often inherit sweet fragrance. Arching one to 3 foot flower sprays need more room than the plants, which mature in 3- to 6-inch pots. Phalaenopsis grow as epiphytes, thriving in mixtures of tree fem or bark but with added sphagnum moss since the plants have no water storing pseudobulbs. Sometimes the phalaenopsis or the plants have no water storing pseudobulbs. Sometimes the phalaenopsis in white, part of the plants have no water storing pseudobulbs.

enopsis at my windows send roots out of the pots attaching to the sill or nearby wall. By choosing a broad range of hybrids you can have phalaenopsis in bloom all the time.

Crosses of *Phalaenopsis* with *Doritis* (called *Doritaenopsis*) usually have more upright flower spikes, which continue to grow new flowers over several months.

Less Known Easy-to-Grow Epiphytes with Charming Flowers

Aspasia epidendroides (cream flowers with brown stripes on 6-9 inch tall plant).

Brassavola nodosa (clusters of white starry flowers with lovely fragrance at night, compact 6-8 inch plant).

Epidendrum radicans (vine-like growth, good trained around sunny window, clusters of brilliant red flowers with yellow lips).

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More Challenging Genera

You can create a display with greater variety in flower form, blooming season, fragrance, and plant habit by growing genera that often demand more specific conditions than the easily pleased cattleyas, cymbidiums, paphiopedilums, and phalaenopsis hybrids.

The more challenging genera listed here are worth growing if you can meet their needs.

Angraecum—These need a minimum of 60 percent humidity to do well. Select hybrids with compact growth habit or make room for 2-3 foot tall A.sesquipedale and its hybrids. Angraecums are known for night-fragrant white flowers having long "tails."

Ascocenda—This man-made genus of Ascocentrum and Vanda needs very bright light and 65 to 70°F nights to bloom abundantly. Hybrids come with round quartersized flowers in many shades of orange, red, yellow and lavender. Many ascocendas bloom at 10 to 20 inches tall and remain compact when given bright light. Some of the best hybrids are created in Thailand.

Catasetum—Spider mites love the thin catasetum foliage so you must fight off these pests. Catasetums lose leaves and rest 6-8 weeks each year, need 65°F nights when making new growths. Grow these for waxy fragrant yellow or creamy flowers usually marked with black or brown dots. These oddly shaped flowers eject pollen clumps when their floral triggers are touched, a fun way to amaze visitors.

Dendrobium—The hybrids of *D.nobile* need 6-8 weeks in the fall of 50-55°F nights to set flower buds. Without cool nights most hybrids just make plantlets where flowers would otherwise appear. The best new hybrids are from hybridizer Yamamoto (Japan/Hawaii). Other types in this large genus include

warm growing evergreen *D.phal-aenopsis* hybrids so popular as cut flowers. Dendrobiums have flowers in all colors except black.

Oncidium—The compact (4-6 inch tall) equitant hybrids are good at windows but must have direct sun to bloom well. The 4-6 inch tall succulent equitant hybrids put on a big show of 1-2 inch flowers on arching stems. Plants grow best in 1-2 inch clay pots or on slabs of cork bark or tree fem. Buy mericlone (tissue cultured) clones if precise color selection is important.

Read About Orchids

Your favorite horicultural library should have these basic cultural reference books.

Home Orchid Growing by
Rebecca Northen
All About Orchids by Charles
Marden Fitch
Orchids for the Home and
Greenbouse Handbook #107 from
the Brooklyn Botanic Garden

Complete advanced reference works covering many genera with some culture information include: *The Manual of Cultivated Orchid Species* by Bechtel, Cribb, and Launert

Encyclopaedia of Cultivated Orchids by Alex D. Hawkes @

Charles Marden Fitch of Mamaroneck, New York is a well-known photographer, writer and lecturer. He travels frequently to the tropics to search for and photograph new plants. He wrote All About Orchids (Doubleday & Co.) and guest-edited ORCHIDS for the Home and Greenbouse in the Brooklyn Botanic Garden's Plants & Gardens series.



Angraecum Scoticom (A. scottianum X A. comorense).

Charles Marden Fitch to Lecture at Pennsylvania Horticultural Society

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The Brouse Landscape entry in the 1987 Flower Show featured an elegant Victorian design.



Worldly Tips from the Horticourt

by Mary Lou Wolfe

he exhibitors in the competitive horticultural classes set in the Horticourt at the Philadelphia Flower Show are inspired by plants from all over the world. Here are a few tips from three worldly growers.

English Trough Gardening

Who would have thought that a change in English plumbing design would launch gardeners into creating miniature alpine landscapes. When porcelain glazed sinks began to replace carved stone ones in English kitchens, gardeners began begging and buying the discards. planting them like jewel cases to display small alpine plants. The solid stone sinks or troughs could be placed on terrace walls or elevated on bases that made waist-high gardening and viewing easy. These containers are perfect for people with limited space, for those with apartment balconies, even for gardeners in wheelchairs, but how does one acquire a stone sink?

West Chester gardener Anita Kistler has taught hundreds of us to fashion stone look-alikes that are light to handle and attractively rock-like, using techniques developed by Lincoln and Laura Foster, master rock gardeners from Connecticut. When I attended one of Kistler's trough workshops held in her country driveway, I felt as if I was in freshman Mud Pies for Adults 101A. We created pseudo sinks using shallow styrofoam boxes (like the ones grapes are shipped in) or

disposable aluminum roasting pans as the bases. We turned them upside down on a piece of plywood, covered them with a layer of plastic and over this, shaped chicken wire, cutting and turning in sharp edges to conform with the shape of the base. In a wheelbarrow, Kistler mixed one part Portland cement, one-and-a-half parts peat moss and one-and-a-quarter parts perlite or vermiculite, moistening the mass to putty consistency. Then came the fun: we spread the mixture over our wire-covered forms, aiming for an even covering 11/4 to 2 in. thick. That is easier said than done. We draped our creations loosely with plastic and toted them home on their boards to set up and dry for a few days. Then

using an old screw driver, we wiggled three drainage holes into the base before separating the cement and chicken wire form from the pastic covered base. Gentle wire brushing created a uniform finish. We watered our hypertufa troughs for about a month to leach out chemicals in the cement that might harm plants and then we were ready to plant.

Kistler imitates the good drainage of alpine conditions by spreading a layer of broken pot or gravel on the trough bottom and covering that with a mix of compost and sharp sand. She decides whether the trough will be placed in sun or shade because that determines the choice of plants. A sunny spot in a breezy location graced with a bit of noonday shade provides the perfect environment for a whole range of alpines, tiny shrubs and dwarf conifers. Essential to the design are small rocks with interesting textures and angles that give height to the planting and act as backdrops for tiny conifers like Hinoki cypress or Chamaecyparis. For a sunny location, Kistler uses Armeria, Veronica, Aquilegia, Dianthus or a host of

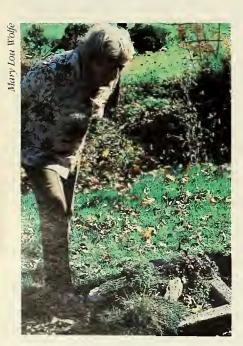


Trough garden planted with a variety of sempervivums.

others that may be seen in the Horticourt at the Flower Show in the "Miniature Rock Garden Landscape" class or in the "Rock Garden Plant" class. Kistler places her plants to emphasize textures, growth habits and colors. The final touch is a fine stone mulch to stabilize plants, cool roots and unify the little landscape.

While these gardens will be most spectacular in spring, they are designed to remain outdoors all year, reflecting the seasonal changes of larger landscapes. Seeing them in dappled October sun, lined up gracefully below Kistler's hillside rock garden, I marvelled at their solid, timeless look that belied their containers' squishy beginnings in a wheelbarrow on a driveway.

Kistler admits that finding appropriate plants can be a challenge for beginning trough gardeners and suggests the following as sources: Russell Gardens 600 New Road Churchville, PA 18966 (215) 322-4799



Anita Kistler prepares a trough garden.



Exhibitor Margaret Bowditch's tulips 'Negrita' and 'Bellona' home from the Philadelphia Flower Show.

Waterloo Gardens, Inc. 200 N. Whiteford Road Exton, PA 19342 (215) 363-0880 and 136 Lancaster Ave. Devon, PA 19333 (215) 293-0800 Meadowbrook Farm 1633 Washington Lane Meadowbrook, PA 19046 (215) 887-5900 Anita Kistler Greenwood Farms 1421 Ship Road West Chester, PA 19380 (215) 696-8020 Siskiyou Rare Plant Nursery 2825 Cummings Road Medford, OR 97501 (503) 772-6846 Catalog \$2.00 Rice Creek Gardens 1315 66th Ave., N.E. Minneapolis, MN 55432 (612) 574-1197 Catalog \$1.00

Forcing Dutch Bulbs

Bulb exhibitor Bill Burleigh faces the stop and go of 41 traffic lights if he cannot use the Schuylkill Expressway as his route when he drives his precious cargo of blooming Dutch bulbs from Paoli to the Philadelphia Flower Show. His 5:30 am departure with station wagon loaded is the last step in a process that started last fall with careful scrutiny of the Flower Show schedule. Having determined varieties and pot sizes required for spring competition, Burleigh purchased enough high quality Dutch bulbs to prepare 30 to 40 pots for forcing. He will enter only about 15 of these in competition, concentrating on narcissus, tulips and hyacinths. The remainder will bring an early spring to this retired banking executive's home and greenhouse.

When Burleigh talks potting soils he mentions truck loads but for those of us potting a few bulbs to force he recommends bagged commercial potting soil or this easy recipe he whipped up for me in his wheelbarrow. To a bucket of field

Bulb exhibitor Bill Burleigh faces the stop and go of 41 traffic lights if he cannot use the Schuylkill Expressway as his route when he drives his precious cargo of blooming Dutch bulbs from Paoli to the Philadelphia Flower Show.

topsoil he adds 1/3 bucket builders' sand, 1/3 bucket peatmoss, and a handful each of ground limestone and 5-10-5 fertilizer. He mixes these ingredients well but does not screen them, choosing to keep a few lumps. Burleigh uses 6 to 8 in. clay azalea pots, preferring these to the shallower "bulb pans." He puts a piece of broken crock over the pot's hole before filling to 3/3 with soil mix. Showing me how to plant tulips he arranges them with the bulbs' flat sides against the rim of the pot and with sides almost touching each other. He then adds soil to within 1/2 in. of the top with bulb tips just showing. He inserts a 6 in. label, waters thoroughly and leaves the pot in his cool garage for 10 days to see how the soil settles. If needed, he adds a bit more soil before putting the pots into a cool dark place for 12 weeks of root development. That cool, dark place used to be an 18 in. deep trench with sand or boards on the bottom to receive the pots. He used to put 2 in. of leaves on top of the pots and cover all with a sheet of plastic weighted down around the edges. Now that Burleigh prepares so many bulbs for forcing, he has made a kind of bulb condominium (he calls it a bulb bin) in a springhouse behind his garage. He positions his 40 pots on wooden racks in a small room where temperatures hold at 36-38°. Although he checks the pots each month, he never has to water until he brings them in at staggered intervals about a month before he wants blooms. He puts them in his cool greenhouse but



Bill Burleigh mixes soil for potting bulbs.

says any cool, sunny window will work. The pots will now need water as the leaves and buds develop. Burleigh fertilizes his bulbs with 15-30-15 in normal concentration at two-week intervals. As the potted bulbs grow, they may require staking and tying, especially, in Burleigh's case, if they are to arrive 41 traffic lights later in prime show condition.

From the Mediterranean: Herbs

Mediterranean immigrants have invaded Aldys Davis's converted barn home appropriating plant room, terrace and kitchen. This takeover has even affected her cooking, and she credits herbs with helping her shed almost 30 unwanted pounds. The herbs that are currently among Davis's favorites, lavender, rosemary and oregano, are native to the sunny slopes of the Mediterranean. She grows these and many others in a small south-facing plant room that forms one wall of a sitting room. When temperatures drop below 40°F in her plant room, Davis resorts to a small electric heater. She credits the combination of southern exposure and cool temperatures with

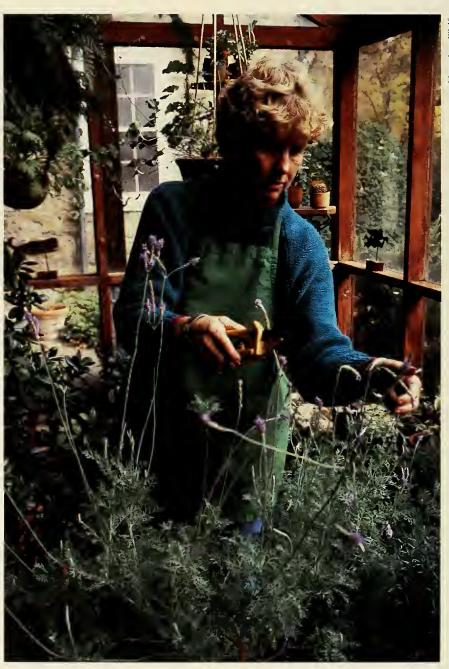
producing the winning plants she exhibits at Philadelphia Flower Shows. It's obvious after talking to Davis that she knows each plant's watering requirements. To be sure that each clay-potted plant gets a thorough watering, she sets the pots in a shallow dishpan filled with warmish water for a soak for ½ to a full hour. With this careful watering plus frequent inspections and occasional use of Safer's insecticidal soap, she keeps pests under control.

One of Aldys Davis's favorite plants is a fern leaved lavender (Lavandula multifida) that bloomed profusely all summer and fall with purple blue flowers amidst aromatic blue-green foliage. Although Davis will not prune this lavender into a formal shape, she pinches it back in December to promote thrifty spring growth. Rosemary, with its Mediterranean origins, grows well in winter in Davis's cool, sunny plant room. She grows this sub-shrub in a clay pot, using a light soil that drains easily and waters the plant sparingly. 'Beneden Blue' responds with azure flowers in profusion beginning in February and March. Pinchings from

her rosemary (Rosmarinus officinalis 'Beneden Blue') add intriguing flavor to pork roast and new potatoes. While Davis was shedding pounds a few years ago, she used herbs instead of butter to flavor steamed vegetables, a habit she's kept. She grows oregano (Origanum beracleoticum), also known as winter sweet marjoram, in a fanciful Hippo shaped clay pot on a sunny terrace in summer where it is handy to the kitchen. Hippo with oregano moves indoors in the fall where it adds interest to the winter plant room and flavor to winter meals.

She sometimes uses rosemary sprigs in vegetables' steaming water, bay leaves for aspics and stews and is generous with parsley and chives used as flavor enhancers. These occasional prunings contribute to both Aldys's and her plants' attractive shapes. §

After serving 10 years as horticultural librarian for the Pennsylvania Horticultural Society, Mary Lou Wolfe left to write and photograph people and plants. She keeps the winter aglow with flowering greenhouse plants and features bulbs in her developing woodland garden.



Aldys Davis gathers herbs from her plant room for an early winter stew.



Pride in Performance.



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Marina and Adariano La Pina show off opa, a long white squash, in their Norris Square area garden. The squash was a favorite back in the Philippines.



Community Gardening: A Patchwork of Roots

by Natalie Kempner

ver the last dozen years, Philadelphia Green, the community gardening program of the Pennsylvania Horticultural Society, has been inciting a quiet revolution of greening and growing as urban wastelands are transformed into inner city variations of America's "fruited plains." Tucked amidst urban disarray are small miracles named The Garden of Gethsemane, Hope Springs and The Garden of Eatin'. One tums a comer and beholds an agricultural wonderland such as Aspen Farms in West Philadelphia or, in three separate parts of the city, comes upon entire Greene Countrie Townes, bountiful oases replacing creeping neglect with expanding

Philadelphia, the City of Neighborhoods, has 113 officially named neighborhoods, many considered "ethnic." Through Philadelphia Green, families in once separated neighborhoods have linked into one community of gardeners with national, ethnic and cultural roots intertwining.

Those aware of Philadelphia Green from its inception in the mid-70s, have witnessed an explosion of shared diversity which has, unself-consciously, cut through differences in all those areas social scientists and community organizers agonize over: race, age, sex, nationality, politics and religion—resulting in what may be the Second Miracle at Philadelphia.

This year's Philadelphia Green Flower Show exhibit, "Community

Gardening: A Patchwork of Roots," features city garden patches filled with Burpee's new international vegetables: "Vegetables of the World for Gardeners Who Love Good Food." The Burpee catalog explains that these "recent arrivals" from Asia, Europe and Mexico reflect the current trends in dining and gardening.

Evidence of national culture is more in the cooking pot than in the garden plot.

Some years ago I set out to investigate the state of "ethnic" gardening in Philadelphia. Touring gardens with an eye to "ethnic" differences, I detected only slight variations in crop choices. While a preponderance of hardy root vegetables and cabbage might betray North European background, and an abundance of collards might indicate roots in the U.S. South, I concluded that evidence of national culture is more in the cooking pot than in the garden plot. Cabbage, tomatoes, potatoes become "ethnic" when prepared for the table—often through seasoning. Where the Greeks use lemon, oregano and olive oil, the Asians use curry, the Mexicans hot peppers and the Italians varied combinations of herbs grown on sunny slopes.

Today, it is different. City gardeners are more venturesome. A cross-fertilization of city gardens has occurred with the mixing of city gardeners through Philadelphia Green. Many gardens have become both visibly, proudly "ethnic" and increas-

ingly multi-ethnic. Gardeners, remembering their past, are trying out seeds from "home" while simultaneously experimenting with "new" (to the grower) seeds acquired through exchanges with gardeners from a different heritage.

Thus we have Iris Brown growing gandules (pigeon peas), cilantro (coriander), yucca (cassava) from seeds collected on recent trips home to Puerto Rico, while also trying out broccoli, beets, cauliflower: "All those Northern vegetables nobody would consider food where I grew up." And we find Willie Mae Bullock growing her native South Carolina collards and black-eyed peas while producing Filipino yardlong beans and developing a passion for newto-her gandules: "So beautiful with their purple speckled pods—and so delicious!"

It turns out, then, that many of the trendy vegetables, popular in chic restaurants and new in seed catalogs, are being harvested in oncelittered city lots, while gournet cuisine bubbles or stir-fries on the stoves of rowhouses.

Chinese Vegetables

In 1976, Chinese gardeners introduced an array of brand new vegetables to Philadelphia in their community garden at 10th and Vine. They imported seeds from China or got them from vegetables in their grocery stores. They used shrimp shells and egg shells for fertilizer. To Harvest Shows and community parties they brought sprouts and melons and beans such as we had never

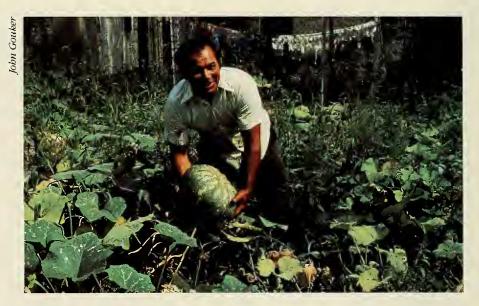
seen. Their Chinese cucumber (sing quar) is sometimes a foot long, and curls up like a snake. Their winter melon, a chalky-green squash, grows so big (up to 100 pounds) that it is sold in slices in the markets. They gave us seeds and taught us to stirfry and steam. The garden flourished for a few seasons before it was lost, along with its magnificent dragon mural, to the Vine Street Expressway. The crucial loss, according to Chinatown's Cecilia Yep, is the social life, especially for the old people, who delighted in "sharing the old ways" as they gardened with three generations. "Friendships grew with the vegetables."

Oriental vegetables survive in other gardens far from Chinatown. I report about just two of these, to illustrate the patchwork of roots that began to grow in the Vine Street lot.

Marina La Pinia

First we go to a block in Hispanic North Philadelphia where the only visible speck of growing space is in the red, white and blue tire planters on the curb. Marina La Pinia leads us through her house, past a potted lemon tree grown from seeds and a display of Harvest Show and City Gardens Contest ribbons, out the kitchen door to an alley opening to a vegetarian's paradise. We join Marina's husband, Adariano, beneath a sprawling trellis webbed with vines, heavy with bumpy, cucumberlike bitter melons. "And oh, they are bitter!!" says Marina. "But we Filipinos love them for that bitterness." They are best for stir-frying when they are no longer yellow, but not yet green and only six inches long.

This, Marina's "first garden in my life," was started three years ago. "These four ugly lots were heaped with trash, and I wanted something beautiful. I went to City Hall—lost two days pay at work—and got papers. Our neighbors—seven families: two Filipino, five Puerto Rican—we all worked. And this 80-year-old man worked every day all day."



Juan Lugo holds a calabaza squash grown in his Ludlow area garden in North Philadelphia, a popular variety in his native Puerto Rico.

"Which 80-year-old man?" "Adariano!"

The sturdy Adariano, who looks not a minute over 50, was born in the Philippines where he was a farmer. He designed and scrounged materials for all the fences, trellises, arbors, walkways and the picnic area under the garden's blue plastic awning. Marina, born in Hawaii, works in a factory and sews bridal dresses when she is not gardening, canning, pickling or celebrating.

At first the garden was individual plots, but now it is shared. "We all eat what is ripe and ready." Marina has discovered that Puerto Ricans and Filipinos grow lots of the same vegetables, with even the same Spanish names, but eat them differently. For example, the "chicharos" (peas) which grow along the fences: "Our neighbors like the seeds and we like the pods." And the "name" (sweet potatoes) growing on vines above ground: "They eat the potato. We boil the leaves with coconut and hot peppers and eat it with fish. Mmmm ...yummy!"

Many of the seeds Marina and Adariano have garnered on yearly trips to the Philippines are among those in the Burpee international collection, and are growing in the Philadelphia Green exhibit: Pak Choi, yardlong beans, radicchio, bitter melon, oriental eggplant, and ridged luffa. Marina mixes her eggplant with okra and bitter melon, yardlong beans (they are best at about half a yard), pork and luffa to make Pakbet, the Filipino New Year specialty.

Marina's ridged luffa (Chinese okra, edible gourd) is a bland melon with ridges resembling okra. She calls it "esponja" (sponge) and it is related to the larger, less edible "esponja," grown in Puerto Rican gardens for its inside skeleton, which dries into the tough luffa backscrubber.

In Marina's dining room are two freezers crammed with eggrolls, vegetables, and herbs, which she shares each Sunday at the Filipino Senior Citizens' gatherings at St. Peter's Church. At New Year she empties one freezer, making Pakbet and other holiday delicacies. On May 14, their wedding anniversary, she empties the other. "Then we're ready to begin again."

Blanche Epps

The first startling thing about Blanche Epps' garden is that it's at least an hour's round trip by bus.

Blanche started gardening there after she became disabled with arthritis. The doctor asked what she most hated to do. Her prompt: "To garden," brought an immediate: "Then garden! It will get rid of your frustration."

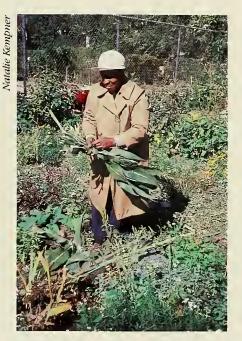
There is no space for gardens in Blanche's neighborhood, but she remembered the "hill of trash" in her old West Philadelphia neighborhood, where her children and grandchildren live; she envisioned a garden there. Friends declared her crazy, but she had doctor's orders. After 35 truckloads of trash had been cleared away, the business of gardening began.

That Blanche was ever hostile to gardening lacks credence today. She attributes her former aversion to growing up on a South Carolina farm where gardening was life's work and children "had to" do it. "Everything our family smoked, drank, ate or played with came from our land."

Blanche's teacher, who demanded excellence, was her grandmother who died in 1980 at the age of 115. On Blanche's dining room shelf, stand containers of precious seeds—beans, okra, greens, kale, Swiss chard—all from grandma or before. In 1987 Blanche distributed 350 packets of her "heritage" seeds.

People are always giving Blanche seeds to grow. "They say 'You can grow anything, so if our crop fails, we'll get seeds back from you.' I do it all the way grandma taught me. I don't worry about sun and shade—haven't much choice, have I?—and everything just grows."

In her plot in the Garden of Gethsemane, Blanche points out the products of her seed exchanges. Her new okra, Star of Bethlehem, comes from Colorado; her elephant garlic ("grows the size of a lemon"), from Canada; the drum okra, from a missionary in Ghana. The Hungarian



Blanche Epps makes a duster from the leaves of a sugar plant in her garden.

hot peppers have been in Marion Green's family for years and the Puerto Rican parsley and the coriander came from Tomasita Romero.

All through Blanche's garden are reminders of her roots: peanuts, cotton, tobacco. "I want my grandchildren to know," she explains as she fashions thick leaves from a sugar cane plant into a feather duster and then weaves a wreath from strands of a sweet potato vine draped around her neck. She grows southern wood to replace mothballs in her closets. She sticks a sprig of tansy in her hat to keep the bugs away. And then there is bible leaf. "Grandma broke a few leaves from the plant by our front door as we left for church so she could mark the pages in the hymnal. The leaves are fragrant, and everybody brought them, so they kept the church fresh."

At the end of a day in the garden, Blanche returns home in the bus, laden with vegetables, herbs and flowers. She pickles or makes jam of everything "because I don't have a canner."

Last summer, on her birthday, Blanche invited the entire Philadelphia Green community to her garden for a feast of South Carolina downhome cooking. "I learned cooking from grandma, too, and she was the best cook in Kershaw County."

Does Blanche exchange recipes as well as seeds? Not unwillingly. Her advice is: "Use your own old recipes and if you don't have any, try to remember. Put a pinch and a dibble and a dab. Write it on the fridge. Try it and find your mistakes and try again. That's how I do it."

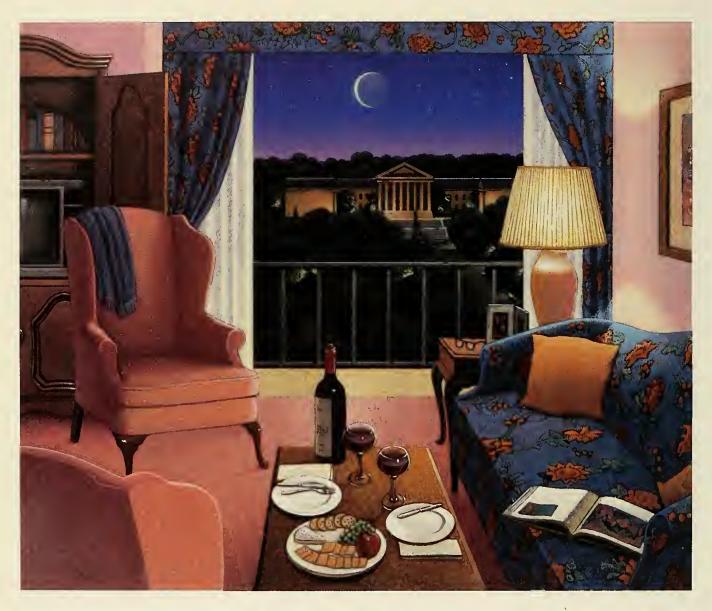
Then, glancing wryly at a dusty comer, Blanche proclaims: "Gardeners only clean house twice a year. Christmas and Mother's Day."

As one Philadelphia Green gardener with roots in a small town says: "Tending a garden makes living in the city possible." &

Natalie Kempner is recipient of the Pennsylvania Horticultural Society 1976 Teacher of the Year Award; founder and retired director of the Norris Square Neighborhood Project Urban Environmental Education Center. She is a member of the Pennsylvania Horticultural Society Council and serves on the Philadelphia Green Advisory Board.

Grateful thanks to W. Atlee Burpee Company for its financial and practical support in staging the 1988 Philadelphia Green exhibit at the Philadelphia Flower Show.

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Philadelphia Flower Show Competitive Classes



The Gardeners club entry "Love Garden, the Roaring 20s" in the 1987 Garden class. Pendie Bell and Lucy Frack co-chaired.

Flower Show Competitive Classes Open to Everyone

The Pennsylvania Horticultural Society will mail an exhibitor's schedule and guide to all Society members in September. If you are not a member and wish to receive a schedule, write to Flower Show Secretary, Pennsylvania Horticultural Society, 325 Walnut Street, Philadelphia, PA 19106

In 1988 exhibitors entered 253 Competitive Classes: Niches, Miniature Arrangements, Pedestals, Rooms & Tables, Miniature Settings, Designs for Pressed Plants Material, Gardens, Porches, Windowsills and Horticultural Classes.

SPECIAL THANKS to an anonymous donor who has given the Pennsylvania Horticultural Society a generous grant to replace the staging for the Competitive Classes over the next three years. Some of our units were built more than 20 years ago so the new ones are welcome additions to our displays. Edmund B. Gilchirst, Jr.



Hello, Goodbye. Huntingdon Valley Garden Club's entrance feature greets visitors with "exceptional color and harmony," say the judges. Liz Kindt and Natalie Thomas co-chaired the 1987 exhibit.



Norristown Garden Club created this room from a movie in the 1987 "Envelope Please" class using Modern Times as their inspiration. Helene Detwiler and Marie Heyser, co-chaired the exhibit.



Ann Mastrangelo and Gail Sheldon's pedestal arrangement in Class 125: Dance, danced away with the first place ribbon at the 1987 Show. The exhibitors are members of Old York Garden Club.

Competitive Classes

continued

Edmund B. Gilchrist, Jr.

Rosemarie Vassalluzzo's 1987 miniature mass arrangement in class 122 "Little Things Mean a Lot." Vassalluzzo, a member of Four Lanes End Gardens Club, is a five-time winner of the Competitive Class Grand Sweepstakes.



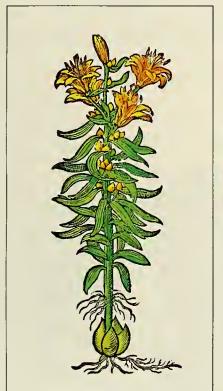
Dazzling, a mass arrangement by Penny Harris and Audrey Nichols, won a blue in the 1987 medium pedestal class on opening day. Exhibitors are members of the Garden Club of Philadelphia.

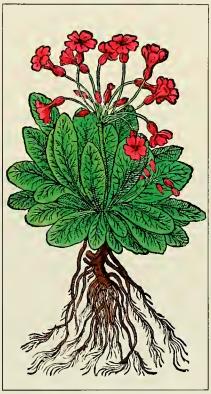


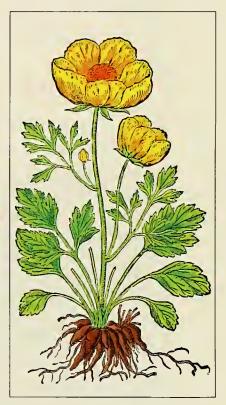
Lavender's Blue—a 1987 blue ribbon miniature setting commended by the judges: "Outstanding in concept. Cyclorama beautifully executed." Edith Farnum of the Planters created the exquisite exhibit.

"To create a little flower is the labour of ages — The thankful receiver bears a plentiful harvest."

William Blake







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	☐ 6. FAIRMOUNT PARK	☐ 16. GOOSEB	ERRY	□ 26.	ROBERTSONS	□ 36	. ROSADE
	☐ 7. LEROYS FLOWERS	☐ 17. WILMING	GTON G.C.	□ 27.	DAVID LAUTT	□ 37	. P.N.A
	☐ 8. WATERLOO	□ 18. PENN VA	LLEY G.C.	□ 28.	WHITEMARSH	□ 38	. MIXED PACK #1
	□ 9. GALE	☐ 19. G.C. OF 1	PHILA.	□ 29.	MEADOWBROOK	□ 39	. MIXED PACK #2
	☐ 10. HIGHMEADOW	☐ 20. HUNT. V	ALLEY G.C.	□ 30.	DAN KEPICH	□ 40	. MIXED PACK #3



Competitive Class Entries

Room Entrants

Conestoga Garden Club

Marty Burke, *Co-Chair* Gumey Hamilton, *Co-Chair* Diane Quillman, *Co-Chair*

Gwynedd Valley Garden Club

Joan Luchese, Chair

Haddonfield Garden Club

Betsy Gagliardi, *Co-Chair* Sandy Mallon, *Co-Chair*

Old Eagle Garden Club

Cynthia Clough, *Chair* Missy Espenshade, *Vice-Chair*

Seed and Weed Garden Club

Betty Michell, *Co-Chair* Ann Schafer, *Co-Chair*

Suburban Garden Club

Billie Carroll, *Co-Chair* Cindy Stewart, *Co-Chair* Carol Nealis, *Vice-Chair*

Wissahickon Garden Club

Virginia Simonin, *Chair* Bonnie McCausland, *Vice-Chair*

Woodland Garden Club

Kathy Gillespie, *Co-Chair* Lucia Weiss, *Co-Chair*

Table Entrants

Garden Club of Bala Cynwyd

Bette Hamilton, Co-Chair Gibby Rhoads, Co-Chair

Crescentville Garden Club

Karen Milboume, *Co-Chair* Ken Roberts, *Co-Chair*

Garden Workers

Nancy Heckscher, Chair

James Hayden and Hope Coates

Norristown Garden Club

Cherie Nobil, *Chair* Joanna Rott, *Vice-Chair*

Outdoor Gardeners

Sae Wilson, *Chair* Sylvia Myers, *Vice-Chair*

Garden Club of Springfield

Sandy Manthorpe, *Chair* Rena Tieser, *Vice-Chair*

Unionville Garden Club

Joanne Morris, *Chair* Sally Jacobs, *Vice-Chair*

Miniature Settings Entrants

Fantasy

Bruce Barnstead and Robert Courts Dorothy and Robert Freeman Lisa H. Freeman Mr. & Mrs. Jacques LeRoux Robert and Yahna Schoenberger

M. Jane Smyth

Reality

Pat Bauder and Frank Moroz Henry and Marian Borneman Julie Borneman Mary Nichols and William W. Bell Hal and Louisa Tiné Mrs. Robert T. Trump and Mrs. J. B. Van Sciver 3d

Garden Entrants

Huntingdon Valley Garden Club

Ginge Budd, *Chair* Shirley Davis, *Vice-Chair*

Garden Club of Philadelphia

Bea Edgar, *Co-Chair* Susie Wilmerding, *Co-Chair*

Stony Brook Garden Club

Angie Austin, *Chair* Nancy Henkel, *Vice-Chair*

Garden Club of Wilmington

Katherine Kristol, *Chair* Katharine Schutt, *Vice-Chair* Nancy Reynolds, *Vice-Chair*

Porch Entrants

Four Counties Garden Club

Hutchie Cummin, Co-Chair Aldys Davis, Co-Chair

Germantown Garden Club

Margreet Monster, Co-Chair Helene Emlen, Co-Chair

Moorestown Garden Club

Midge Ingersoll, *Chair* Ann Driscoll, *Vice-Chair*

Penn Valley Garden Club

Anna Marie Amey, Susan Chapin, E. Lynne Freeland, Mim Whaley, Co-Chairs

Windowsill Entrants

The Evergreens

Joan McCracken, Chair Betty Brennan, Vice-Chair

The Gardeners

Grenville Hudson, *Chair* Tia Rosengarten, *Vice-Chair*

Garden Club of Princeton

Barbara Bromley, *Co-Chair* Sally Worm, *Co-Chair*

Rose Tree Gardeners

Phebe Guckes, Co-Chair Sibby Toland, Co-Chair

Wayne Woods Garden Club

Liz Mayer, Co-Chair Denise Slawter, Co-Chair

The Weeders

Beverly Jennings, *Chair* Maria Thompson, *Vice-Chair*

Collection Class 400 Entrants

Jonathan Frank

Greene Countrie Garden Club

Judy Davis, *Chair* Carolyn Bach, *Vice-Chair*

Maple Glen Garden Club

Suzy Vollmer, *Chair* Sue Wainer, *Vice-Chair*

Providence Garden Club

Sally Wilson, Chair

Betty Sue Spilman, Vice-Chair

West Trenton Garden Club

Jo Ann Clarke, *Chair*

Anne Scheffer, Vice-Chair

Wissahickon Garden Club

Georgia Doyle, Co-Chair Leslie Wood, Co-Chair

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Demonstrations and Lectures

These demonstrations and lectures will be held in Pennsylvania Hall, located upstairs from the Trade Booth Section. See the map on the Floorplan (page 49) or check the daily schedules located around the Main Hall for directions.

Sunday, March 6

11:30	Fun With Flowers—Allied Florists
1:00	Orchids—Bill Peters, Orchid Grower,
	Jones & Scully
2:30	Fun With Flowers—Allied Florists
4:00	Propagation of Woody Plants at Home—
	Shelley Dillard, Horticulturist

Monday, March 7

11:00	Fun With Flowers—Allied Florists
12:30	Korean Flower Arranging—Mrs. Im Wha Kong,
	Teacher and founder of Korean
	Flower Arranging School
2:00	Fun With Flowers—Allied Florists
3:30	Ikebana—Member of Ikebana International
5:00	Fun With Flowers—Allied Florists

Tuesday, March 8

11:00	Fun With Flowers—Allied Florists
12:30	Planting Trees and Shrubs—Dave Kipphut,
	Horticulturist, Lincoln High School
2:00	Fun With Flowers—Allied Florists
3:30	Ikebana—Member of Ikebana International
5:00	Fun With Flowers—Allied Florists

Wednesday, March 9

11:00	Fun With Flowers—Allied Florists
12:30	How to Dry Flowers—Rita Precopio, Leah Riband,
	and Helen Knauff

2:00	Fun With Flowers—Allied Florists
3:30	Ikebana—Member of Ikebana International
5:00	Fun With Flowers—Allied Florists

Thursday, March 10

11:00	Fun With Flowers—Allied Florists
12:30	The Pacific Tropical Botanical Garden
	and Tropical Flora—Marc Code,
	Assistant Director for Administration
2:00	Fun With Flowers—Allied Florists
3:30	Ikebana—Member of Ikebana International
5:00	Fun With Flowers—Allied Florists

Friday, March 11

11:00	Fun With Flowers—Allied Florists
12:30	Growing International Vegetables—Steve Frowing
	Staff Horticulturist, W. Atlee Burpee Company
2:00	Fun With Flowers—Allied Florists
3:30	Ikebana—Member of Ikebana International
5:00	Fun With Flowers—Allied Florists
_	

Saturday, March 12

11:00	Fun With Flowers—Allied Florists
12:30	Garden Irrigation and Lighting Systems—
	Joseph M. Ascenzi and R. Craig Stevenson,
	Co-owners, Laurel Hill Gardens
2:00	Fun With Flowers—Allied Florists
3:30	Behind the Scenes at "Rendevous in Singapore"—
	Charles Rogers, Horticulturist
5:00	Fun With Flowers—Allied Florists

Sunday, March 13

12:30	Fun With Flowers—Allied Florists
2:30	Vegetable Sculpture—Joe Poon,
	Joe's Peking Duck House 🎕



1988 AARS Winner



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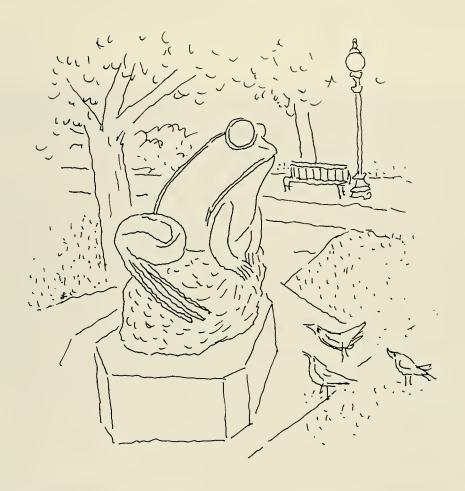
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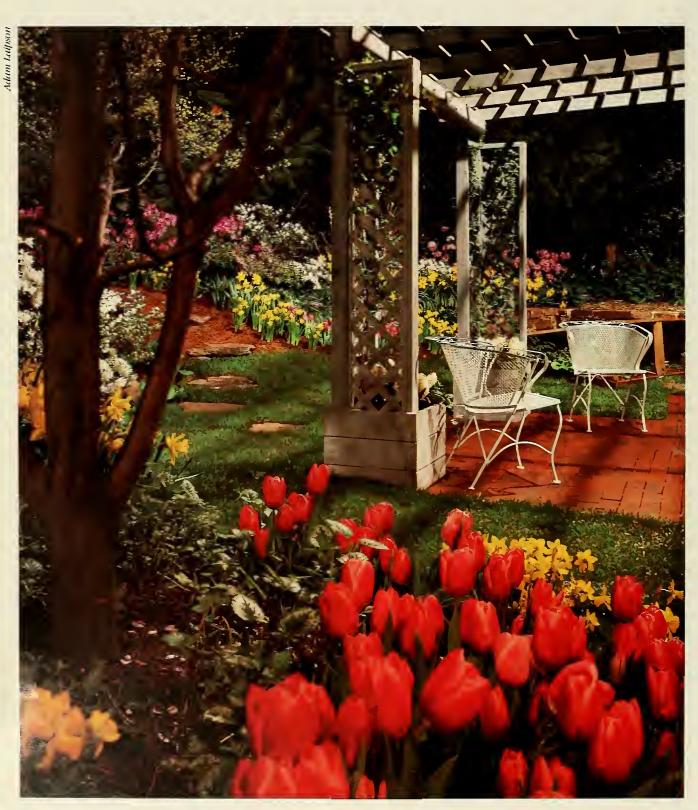


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Whitemarsh Land Design & Construction Co. 1987 exhibit "Bygone Days of Spring" combines floral extravagance against a background of lush woodland.



1988 Flower Show Major Exhibitors

In addition to the seven exhibitors listed on page 11 that are part of the central feature, 48 other major exhibitors are participating in this year's Show. Nurseries, florists' and educational organizations, and plant societies have been planning for this Show for more than 18 months and actually creating it for the last several months. We hope the Show will inspire you to be adventurous in your own gardens.

African Violet Society of Philadelphia

2050 E. Orleans Street Philadelphia, PA 19134 Tom Seiler, Chair

Out of Africa

A naturalized planting uses most of the *Santpaulia* species in cultivation and a display of the latest hybrids. This exhibit captures the beauty and charm of a well-known houseplant and encourages us to learn more about these spectacular hybrids.

Allied Florists of Delaware Valley

Covello's Creations 312 S. Bishop Avenue Springfield, PA 19064 (215) 626-7678 Tom Covello, Chair

New Worlds: Expanding Creativity with Cut Flowers from Around the World

The ever-expanding importation of cut flowers from around the world has introduced the consumer and the floral industry to the broad range of varieties available. As a result, florists have become more creative. This display features flowers from eight countries and portrays each floral arrangement against a regional backdrop.

American Rhododendron Society

RD #1, Kresson-Gibbsboro Road Voorhees, NJ 08043 Ted Stecki, Chair

Rhododendrons and You

This display excites the rhododendron buff and lay person's interest in rhododendrons and azaleas by showing many varieties and colors. Members of the ARS will answer questions and hand out literature on plants and their care.

American Rock Garden Society -Delaware Valley Chapter

2106 Pennsylvania Avenue Fort Washington, PA 19034 Joyce Fingerut, Chair

The Sand Bed: A New Way to Garden

The sand bed has made possible the cultivation of many plants formerly believed to be difficult to grow in our climate. The sand provides the aeration and perfect drainage such plants require and serves as a sterile medium to discourage fungal diseases. This type of garden is easy to build, easy to plant and maintain because it can be of any size and occupy any sunny space.

The F. A. Bartlett Tree Expert Co.

P.O. Box 3067 Stamford, CT 06905 (203) 323-1131 Anne Robertson Ferrucci/Ben Tresselt, Co-Chairs

Monitor - Preventative Health Care for Plants IPM - Integrated Pest Management

Preventative health care for plants is one of the most important and successful steps to plant preservation. Bartlett's Monitor program introduces an alternative to the traditional approach to plant health, by using integrated pest management (IPM). IPM uses cultural, biological and biodegradable chemical treatments to suppress pests.

Brouse Landscapes

2015 Pot Shop Road, RD #1 Norristown, PA 19402 (215) 539-4620 Frank D. Brouse, Chair

Kids World

Children's natural curiosity and excitement is especially aroused when they view nature. This display shows a secluded area surrounded by plants and water—a special playground for the young in age and in spirit.

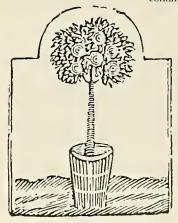
County Line Landscape Nursery

120 Main Street Green Lane, PA 18054 (215) 234-4725 Harris M. Bieberfeld, P.A.N. and Denni Jones, Co-Chairs

Oasis

An Arabian fantasy theme garden is created in this display emphasizing "romance in the garden." The flavor of this exotic oasis is portrayed using Delaware Valley hardy plants. Special attention is given to texture and color.

continued



Major Exhibitors

continued

J. Cugliotta Landscaping, Inc.

RD #10, Route 206 Vincentown, NJ 08088 (609) 859-9333 Joe Cugliotta, Chair

A Window to the East

Today's lifestyle is represented in an intimate garden that speaks of old world Japan. This contemporary sunspace allows the naturalness of the garden to enter our homes and our lives. Garden vistas, the sounds of trickling water, fauna and flora excite the senses. Stone paths guide us through the garden as the adventure begins.

Delaware Valley College

Route 202 & New Britain Road Doylestown, PA 18901 (215) 345-1500 John D. Martin, Chair

Water Gardening— A World of Its Own

This educational display illustrates the use of water-loving plants in the landscape. A wide variety of plants suitable for pools and wet areas is presented to the public via an imaginative "idea-scape." Plant culture, care and handling information as well as how-to demonstrations useful to area gardeners are featured in this exhibit.

Delaware Valley Fern Society

412 W. Chelten Avenue Philadelphia, PA 19144 Kathryn Giomi, Chair

The World of Ferns

Fems from many lands and climates throughout the world may be grown successfully in Delaware Valley homes. This display shows many good plant selections that can be made by home gardeners and offers visitors leaflets on care and maintenance of plants.

Gordon Eadie Associates, Inc.

P.O. Box 982 Valley Forge, PA 19482 (215) 933-4410 Gordon Eadie/Douglas Mecray, Co-Chairs

Black Forest Garden

A spectacular view of a special garden in the Black Forest is ours. A woodland stream tumbles over a wall and flows under a bridge into a rippling pond below. A rustic shelter is nestled into the hillside above a bubbling spa for "taking the waters." Evergreens provide a feeling of privacy while deciduous flowering plants and perennials enhance the seasonal interest.

Fairmount Park Commission

Memorial Hall, West Park Philadelphia, PA 19131 (215) 686-0014 Carol Gangewere/William E. Mifflin, Co-Chairs

Discover Fairmount Park

Within Fairmount Park's 860 acres are many wilderness areas with bridle paths, bicycle paths and walking trails. Along the forested areas there are groves of rhododendron, mountain laurel and fems. The woodland path lets us see the beauty nature provides in an informal setting. Some of the Park's hidden gems such as stone watering troughs for horses, spring houses and stone shelters, abundant along trails in the Wissahickon and Pennypack areas, are featured in the display.

Florists Transworld Delivery

Bittmann's Orchids & Greenhouses 510 Lionville Road Downingtown, PA 19335 (215) 363-6096 Heidi Bittmann, Chair

From the World's Gardens to You

Flowers grown in different parts of the world have found their way into our environment. In this exhibit, the visitor is led down a path through groupings of flowers, such as orchids, roses and field flowers. A backdrop portrays the origins of these flowers.

Friends Hospital

Roosevelt Boulevard & Adams Avenue Philadelphia, PA 19124 (215) 831-4686 Martha Straus/Ron Durham, Co-Chairs

Horticulture Therapy: Gardening in Your World

For 175 years, Horticulture Therapy has been an active part of Friends Hospital's goal of social, useful and productive activity for its patients. This display shows the wide variety of horticultural experiences available at Friends. For the apartment dweller, townhouse owner, or less able gardener, a container garden, raised bed garden and window boxes have been created. For those requiring an indoor garden, a light-cart and window plants provide interior ideas.

Friends of Philadelphia Parks

20 E. Evergreen Avenue Philadelphia, PA 19118 (215) 825-2370 Nancy Ohliger, Chair

Flower Market at Rittenbouse Square

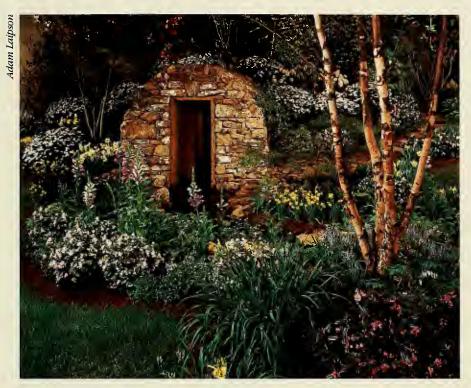
Rittenhouse Square is an example of a local park that *works*. The Flower Market, an annual spring park event, is only one example of the many ways a strong community organization can support, maintain and improve area parks. This two-scale section of the annual Flower Market event shows vendor booths overflowing with blooming cut flowers and plants and features a sculpture reminiscent of those found in Rittenhouse Square.

Gale Nurseries

1716 School House Road Gwynedd, PA 19436 (215) 699-4714 Charles H. Gale, Chair

An 18th Century European Garden

This 18th century European garden is characterized by an elaborate architectural treillage (trellis). A pavilion



Gooseberry Bush Nursery Garden Center's "Past Reflections" received the 1987 American Horticultural Society citation for an exhibit of horticultural excellence that "best demonstrates the bond between horticulture and the environment and that inspires visitors to beautify home and community."

designed with pilasters and Romantype facades join 50 feet of a rose trellis. The pavilion features a trompe l'oeil creating illusory depth; the trellis, with its series of opening panels, exposes masses of apple blossoms. Climbing roses, clematis, hybrid tea roses, perennials and bedding plants comprise a formal garden.

The Gooseberry Bush

304 Lionville Road Downingtown, PA 19335 (215) 269-2028 Elaine Snyder, Chair

Birds, Bees and Balm

The soft hues and balmy scents of the inviting garden not only appeal to our sight and smell but also attract birds and provide food for busy bees. Accommodations for our garden companions encourage lifelong residency allowing us to enjoy and learn their habits. The classic architectural lines contrast well with the informal English design.

Peter Hellberg Company

332 N. Main Street Chalfont, PA 18914 (215) 822-0730 Sally Humphreys and Carolyn Waite, Co-Chairs

The Island Sampler

A Bermuda Gallery where floral designs almost appear to be paintings and objets d'art—this exhibit delightfully samples the island flavor.

Highmeadow Gardens, Inc.

684 S. New Middletown Road Media, PA 19063 (215) 874-4515 Wayne Norton, Chair

In the Bosco

The proper use, selection and integration of plants in the water, along the water margins and throughout the garden, creates a most pleasing and

complementary garden. This scene features a large irregularly formed pool, filled with many interesting water plants such as waterillies, cannas, pickerel rush, miniature cattails, and beneath the water surface, colored fish. A grassy knoll shows how an outdoor living space can be artistically integrated into the garden.

Ikebana International, Philadelphia Chapter

1038 Edgewood Chase Drive Glen Mills, PA 19342 Helen M. Flaig, Chair

Flowers of the World

Ikebana—the art of Japanese flower arranging—can be traced back to Shinto nature worship and 6th century floral offerings to Buddha. An idealized approach to nature, this expression of artistic beauty ranges from traditional to creative styles of arranging.

Im Wha Kong Flower Arrangement Society

10, Tongeui-Dong, Chongro-Ku Seoul, Korea 110 Im Wha Kong, Chair

World Friendship through Flowers

The creative art of flower arranging draws people from around the world together by bringing beauty and peace into the lives of all who view them. These simple yet exquisite arrangements are presented in an individualistic and creative manner, allowing nature's interpretation to unfold.

Daniel G. Kepich and Associates

Box 152, 3425 Holicong Road Holicong, PA 18928 (215) 794-5090 Daniel Kepich, Chair

My Garden Is My World

The view of a garden through the library is a wonderful sight indeed. Fresh scents can be enjoyed from the terrace, as well as colorful displays throughout the season. Cheerful bulbs are replaced by annual favorites—astilbe and hosta complement the summer. Many hours of pleasure are spent in this quiet place—my world, the garden.

continued

Major Exhibitors

continued

David Lautt Florist, Inc.

10783 Bustleton Avenue Philadelphia, PA 19116 (215) 676-0707 David Lautt, Chair

Exotica

This harmonious combination of exotic flowers, birds and fish awakens the senses and stretches one's imagination to a far-off place. Exotic flowers offer consumers the opportunity to broaden their floral selections and expand their creative uses of floral arrangements.

LeRoy's Flowers

16 North York Road Hatboro, PA 19040 (215) 674-0450 LeRoy LaBold, Chair

The Garden of Worship

Every religious sect has its own unique traditions and customs. These gardens were created for both beauty and significance.

'The Flowers in silence seem to breathe Such thoughts as language cannot tell.' (Anon, *Language of Flowers*)

A serene spot to rest and contemplate the feelings of your faith and whisper a prayer for peace.

Abraham Lincoln High School

Rowland & Ryan Avenues Philadelphia, PA 19136 (215) 355-0550, Ext. 5141 David M. Kipphut, Chair

Off the Tailgate, into the Ground

A garden filled with beautiful and vigorous plants is the goal of all gardeners. Successful gardening begins with the proper installation of plants in the garden. Demonstrated here are the proper ways to plant trees, shrubs, and groundcovers with step-by-step directions for the home gardener.

McNaughton's Nurseries, Inc.

351 Kresson Road Cherry Hill, NJ 08034 (609) 429-6745 Harry Gamble, Chair

Twentieth Century Teahouse

The world is your garden and the possibilities are limitless. With a flair for the Oriental, this twentieth-century teahouse makes the most of the natural setting that it inhabits. Its contemporary nature incorporates old world traditions with a universal variety of elements. The cascading waterfall, restful garden structure, and unique combination of plants combine to make this truly a garden of the eighties.

Meadowbrook Farm

1633 Washington Lane Meadowbrook, PA 19046 (215) 887-5900 John W. Story, Chair

A Victorian Garden of Enchantment

This display garden reflects the Victorian influence in architecture and horticultural design used in the late nineteenth century. An open cloister provides the background for potted plant combinations in hanging baskets, topiary forms and exceptional specimens of blooming plants. Three formal beds featuring standard hardy orange trees and a center drip fountain carpeted with Begonia 'Derby' are surrounded by formal clipped miniature hedges of *Alternantbera*.

Robert W. Montgomery Landscape Nursery

Box 67-C, Rt. 113 Chester Springs, PA 19425 (215) 363-2477 Robert W. Montgomery, Chair

Winding Down

Relieve the day's stress—wind down—from your screen porch atop

a natural rock outcropping, to a secluded hillside garden retreat. Descend the spiral stairs to the garden below, cross the wooden walk, over the spill pool and pass through the spray of the falls onto a cedar deck enclosed by stone walls and lush plantings. Tall conifers stand in soft relief to rhododendrons, azaleas, perennials, annuals and spring bulbs designed to enhance and blend with the natural landscape.

Pennsylvania Bonsai Society

RD #1, Box 502 Honey Brook, PA 19344 Howard McNeal, Chair

Pennsylvania Bonsai Society

Bonsai, the art of cultivating trees and shrubs as miniature forms of their larger counterparts in the wild, is explored in this spectacular display of specimens grown by members of the Pennsylvania Bonsai Society. The plants are displayed in the Seki-Kazari manner, Japanese for "displayed in individual booths."

Pennsylvania Department of Environmental Resources Forest Advisory Service

P.O. Box 1467 Harrisburg, PA 17120 (717) 787-4009 Kathleen McKenna, Chair

Protect Your Piece of the World—Designate a Private Plant Sanctuary

The availability of the private plant sanctuary designation gives the private landowner an opportunity to assist in the conservation of native wild plants and their habitats. Information regarding the Commonwealth of Pennsylvania, Department of Environemntal Resources' regulations concerning designation of private plant sanctuaries is outlined in this exhibit. A naturally occurring Pennsylvania plant community located in a rural setting is depicted.

continued p. 54





Headquarters of The Philadelphia Contributionship founded in 1752.

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We're not just corn

Burpee is a bona fide American institution. To millions of gardeners spanning several generations, Burpee ranks just below the Liberty Bell and the American flag, maybe a notch or two above apple pie and the World Series.

Our catalogs, dating back to 1876, reside in the archives of the Smithsonian in Washington. The Burpee family manse, Fordhook Farms in Doylestown, Pa., is on the National Register of Historic Places.

In 1920 David Burpee, the founder's son, took a straggly American wildflower and, working with his breeders for nearly 50 years, turned it into

America's favorite flowering annual, the modern marigold. His famed research team created the first hybrid flower (introduced in 1939), the first hybrid tomato (1945), and the first hybrid cucumber (1945), which, with its mildew resistance, saved this vegetable from near extinction. Burpee flowers and vegetables have won more than 50 awards from the All-America Selections committee.

When David Burpee retired in 1970, he sold the company to a large corporation, and it was sold again to an even larger cor-

poration in 1979. Last year, the company was returned to private ownership. To people who love gardening.

How things have changed at Burpee! Where before we were pleased to be the best seed company, now we want to be the best gardening company—to be truly the standard of excellence in plants, bulbs, tools and supplies as well as seeds. To become the complete horticultural resource.

You'll see some changes already in our 1988 catalogs. More varieties. More choice. More unique items. More information. You'll find that the bulbs and plants you buy from

us this year will be bigger and stronger. You'll find perennial plants you never knew where to buy, and some garden implements of unique design.

You'll find great value, as always, and a no-hassle money-back guarantee. Most especially, as we work toward our goals, you'll find in Burpee a renewed and relentless dedication to the highest achievable quality in products and service. And you'll find happy surprises for gardeners like you who come along with us in our Great Adventure.

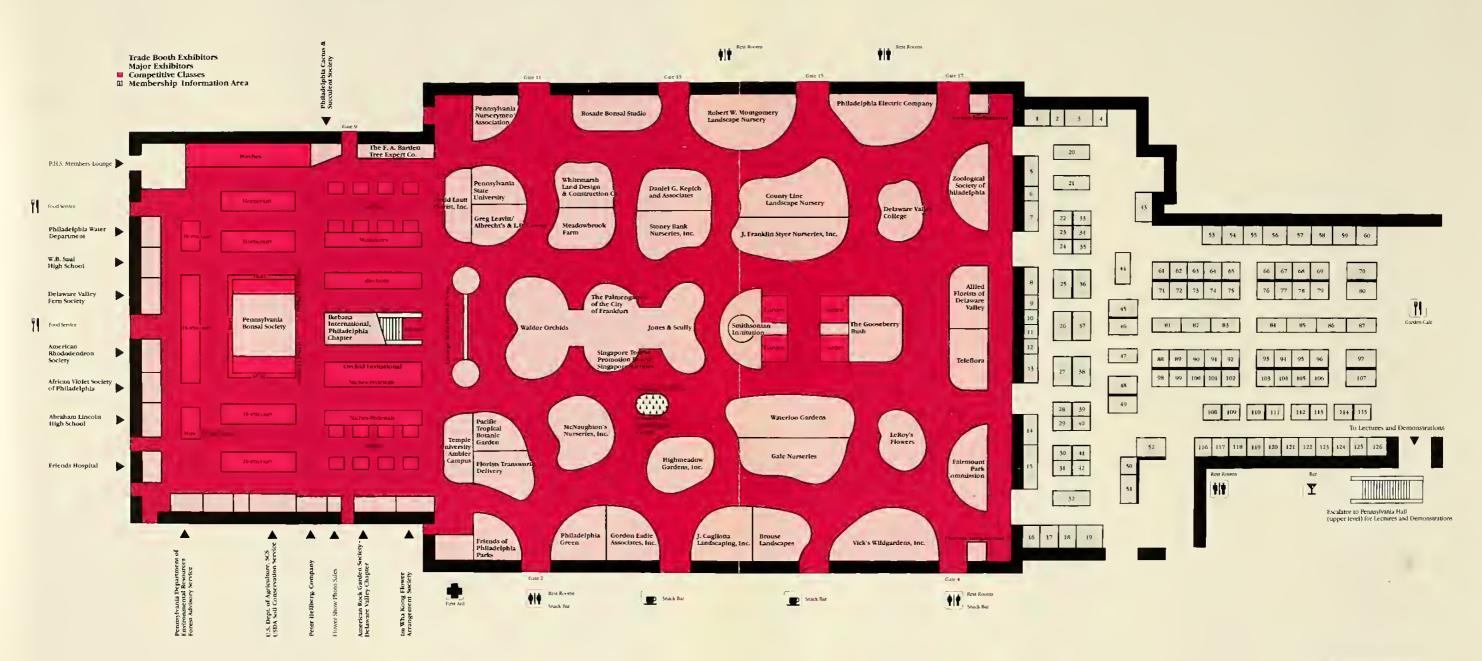


W. Atlee Burpee & Co.

300 Park Avenue, Warminster, PA 18974 215 674-4900 See us at the Flower Show, Booth 119-120

FLOOR PLAN

1988 Philadelphia Flower Show The World Is Your Garden



Trade Booth Exhibitors See pages 50 and 51

Trade Rooth Fyhihitors

Orchids

2130 Middle Road

Glenshaw, PA 15116

West Chester, PA 19382

Plants

Bootl No.	h Exhibitor	Boot No.	h Exhibitor	No.		No.	Exhibitor
107	A & A Bazaar G. Annor Ackah 575 General Knox Road	119 126	W. Atlee Burpee Company Jonathan Burpee 300 Park Avenue	71 72	Dries Building Supply Co. Dale Dries 3580 Brookside Road, Box #7	118	Gravely - Haverford Jack Wagner 511 W. Lancaster Avenue
	King of Prussia, PA 19406 African Crafts, Baskets		Warminster, PA 18974 Seed Packets, General		Macungie, PA 18062 Sunrooms		Haverford, PA 19041 Garden Equipment
46	A. B. G. Company W Don Navratil P.O. Box 227	39 40	Gardening Merchandise Caprilands Herb Farm C. B. Geer	88	Encyclopaedia Britannica Bonnie Leisey-Bansch 1 Bala Plaza, Suite 418	87	Gravely International, Inc. G. R. Carey RD #2, Box 184C
	Brightwaters, NY 11716 Poned Plants, Hanging		Silver Street Coventry, CT 06238		Bala Cynwyd, PA 19004 Reference Books	OD	Selinsgrove, PA 17870 Lawn & Garden Tractors Greenview
1	Amdega Victorian	33	Herbs & Flerbal Products Chamomile Farm Herbs Barbara E. Dorey	7	Fischer Greenhouses C. W. Fischer, Jr. Oak Avenue	9B	Robert Wieringa P.O. Box 317
2	Conservatory/ Glass Enclosures Unlimited	34	P.O. Box 619 Rangeley, ME 04970		Linwood, NJ 08221 African Violets, Streptocarpus,		Lebanon, PA 17042 Preen Weed Preventer
	Roben J. LaRouche 228 Poplar Avenue		Herb Products & Books, Handmade Baskets,	56	Azaleas Flower Hut	95	H & S Sales Harold E. Shatz
	Wayne, PA 19087 Conservatory/Greenhouse	108	Wrought Iron Plant Hangers Cord Crafts Inc.		Murray Dickman 27 Highland Avenue		7514 Sherwood Road Philadelphia, PA 19151
28	American Standard Co. Nathaniel Florian	109	Peter L. Book P.O. Box 595		Lansdale, PA 19446 Cut Flowers & Related	21	Jewelry, Refrigerator Magnets Haarlem Bulb Co. Inc.
	P.O. Box 325 Plantsville, CT 06479		W. Paterson, NJ 07424 Silk Plants & Baskets	74	Products Flowers by Dotti		D. Amand 3271 Baseline Road
69	Ratchet Cut Printing Tools Anything Grows	99	Cottage Crafts Inc.	75	Dennis Rzaca 712 MacDade Boulevard		Grand Island, NY 14072 Flower Bulbs & Plants
U)	Greenhouse Franklin J. Niedz		289 Lancaster Pike Frazer, PA 19355		Milmont Park, PA 19033 Fresh Cut Flowers	97	& Seed Hagley Museum
	1609 McKean Road Ambier, PA 19002		Dried Flower Arrangements on Wood, Straw, Potpourri	60	Folio Art Glass Raymond Folio		Marcy Weisz Box 3630
55	Bonsal, Rare Plants, Orchids Aquatic Gardens and	104	Country Casual Bobbie Lopatin		32 Holland Lane Colts Neck, NJ 07206		Wilmington, DE 19807 Hagley Museum Promotions
	KOI Co. Ed and Don Schncor		17317 Germantown Road Germantown, MD 20874-2999	49	Stained & Leaded Glass hems William H.	22	& Gifts Happy Glass
	P.O. Box 57 Jobstown, NJ 08041	126	Garden Fumiture Country Herbs		Frederick II, Inc. Robert Knox		Sara M. Quinby 2865 Walnut Hill Street
127 128	Garden Ponds and KOI The Barn Door Longine S. Evans		G. Krueger Park Avenue		932 Bethlehem Pike Montgomeryville, PA 18936		Philadelphia, PA 19152 Leaded Stained Glass
140	61 White Horse Pike Atco, NJ 08009		Convent, NJ 07961 Herbal Blends for Dip, Salad Dressing, Creative Seasoning	111	Patio Fumiture, Baskets, Plants Frontier Fruit & Nut Co. Raymond Karee	124	Suncarchers, Planters E. P. Henry Corporation Shafer Henry
57	Solid Wood Custom Sheds, Barns, Garages The Big Island	61	Curbing Concepts Corp. David A. Tolley 434 Exton Commons		482 Somerset Road Akron, OH 44313 Dried Fruits, Nuts, Yogurt,		P.O. Box 615 Woodbury, NJ 08096
5B	Plant Company R. Courtenay Clitrell		Exton, PA 19341 Concrete Landscape Curbing	11	Carob, Seeds The "G" Boys Inc.	106	Interlocking Paving Stones International Housewares Frank Polo
	405 W. Washington Ave., #89 San Diego, CA 92103	9 10	Dalton Pavilions	12 13	Ralph A. Gaudio 801 W. Route 70		1790 S. Treasure Drive N. Bay Village, FL 33141
	Exotic Hawaiian Plants, Seeds, Cuttings, Potpourri & Related Items		7260 Oakley Street Philadelphia, PA 19111		Marlion, NJ 08053 Houseplants, Plant Food	165	Floristree Flower Arranger Island Designs
112 113	Bittersweet Herb Farm David W. Wallace	44	Gazebo & Deck Decor Shoppe Lee Varga	47 48	Ribbon Gaudio's Garden Centers Pat Forcin:		Judi Lim 25 Clefistone Road Reg Hadrag AU 04600
	777 East Main Street Oranford, CT 06405		4532 Maize Road Columbus, OH 43224	413	One Woodhaven Mall Bensalem, PA 19020		Bar Harbor, ME 04609 Embossed Paper Note Cards, Calendars, Framed
	Herbal Blends, Potpourri, Vinegar, Plants,		Dried, Silk & Paper Flowers, Decorations	63	Foliage & Flowering Plants	5	Prints J. A. Nearing Co., Inc.
26		41	Peter deJager Buib Co. Petet deJager		Gloria Hess 961 Stafford Drive		(JANCO) J. S. Grasso
37	Jantes A. Losty 1728 Pheasant Lane Norristown, PA 19403		188 Asbury Street So. Hamilton, MA 01982		Toms River, NJ 08753 Kendo Mops		9390 Davis Avenue Laurel, MD 20707
	Cut Flowers, Hanging	25	Flower Bulbs Desert Dan's Cactus	16 17	Gosnell's Greenhouses Jennifer Nadzadi	,	Greenhouse & Solaroom
	Baskets, Cactus, Flowering & Foltage Plants	-,	Ed Wright	66	RD #1, Box 495D	3 4	Jones & Scully Robert M. Scully
15	Brandywine Gardens &		1012 Summer Avenue Minorola, NJ 08310	67	Blairsville, PA 15717 Flowering & Foliage Plants		18955 S.W. 168th Street ★ijami, FL 33187
	Greenhouses Inc. Richard Lena	2.4	Large Cactus Specimens	30	Richard Graber		Orchids & Interior Foliage
	1027 Lenape Road West Chester, PA 19382	24	Devine Orchids Kristine Cox	31	7412 Bingham Street Philadelphia, PA 19111	114 115	Kirkwood's Flowers Dean Kirkwood

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6 Wallingford Rose Gardens Joseph Kassab P.O. Box 52 Wallingford, PA 19086 Hollies & Other Plants

96 Wildflowers by Cricket

Cricket Luker 1266 Ridge Avenue Manahawkin, NJ 08050 Wildflower Imprinted Tiles

117 Judy & Mike Wright Comer Baltimore Pike & Bishop Ave. Springfield, PA 19064 Living Walls, Garden Furniture, Playhouse & Swings, Plants & Crafts

9B Virginia Travel Council Thomas C. Vick P.O. Box 15067 Richmond, VA 23227

Virginia Travel & Tourism

116 Wright's

54 WCAU-TV Ann Brophy City Line Avenue & Monument Avenue Philadelphia, PA 19131

84 Waldor Orchids Walter M. Off 10 E. Poplar Avenue Linwood, NJ 08221 Orchid Plants, Exotic Plants & Related Supplies

No. Exhibitor

122 Westminster Export Co., Iac. Jean Ker-Seymer 975 Chattahoochee Ave., NW Atlanta, GA 30318 Zyliss Vise

Boo	th	Boot	h	Boot	h
No.	Exhibitor	No.	Exhibitor	No.	Exhibitor
42	Klima-Gro USA, Inc. Tom Davidson	103	Orchard View Greenhouses	91 92	Rocky Hollow Herb Farm Ann & Jim Kelly
	300 Brighton Avenue Buffalo, MN 55313 Klima-Gro		John Eisenmenger RD #2, Box 99 Newton, NJ 07860		P.O. Box 591 Honesdale, PA 18431 Herbs & Spices, Oils
18 19	Charles F. Kremp 3rd Florist Charles Kremp	32	Plants The Oriental House Vincent Lu	B1 82	Rosebill Parm Patricia Berlen Gregg Neck Road
	220 Davisville Road Willow Grove, PA 19090		176-21 80th Road Jamaica, NY 11432		Galena, MD 21635 Miniature Roses
64	Cut Flowers Orol Ledden & Sons		Vases, Bonsai Planters & Trees, Flower	73 B3	S.A. Associates Stan Alten
65	Donald Ledden		Arrangement Accessories	-0	876 Phillips Road
	P.O. Box 7 Sewell, NJ 08080	35	Passiflora Wildflowers Denise Blume		Warminster, PA 18974 Plants, Pottery, Flowers
	Seeds		Rt. 1, Box 190-A	23	Works by Tom Steigerwald
53	LeRoy's Flowers &		Germanton, NC 27019		Tom & Patrice Steigerwald
	Gifts, Inc. LeRoy R. LaBold	100	Wildflower Plants & Seeds Patio Enclosures Inc.		5417 N. Fairhill Street Philadelphia, PA 19120
	16 N York Road	100	Dennis McMenamin		Artwork, Prints, Notecards
	Hatboro, PA 19040		1670 Winchester Road	14	SunSpaces, Ioc.
	Plants, Balloons, Floral Merchandise		Bensalem, PA 19020 Patio Enlcosures		Sheridan T. Amold Main & Walnut Streets
110	Martin's Aquarium	5B	Pella Window & Door Co.		North Wales, PA 19505
	Joel Martin	51	Sharon S. Brown		Greenhouse
	101 Old York Road		2550 General Armistead Blvd. Norristown, PA 19403	B9	Swiss Maid Candy Co.
	Jenkintown, PA 19046 Plants & Fish		Sunroom, Windows, Doors		Raymond Karee 482 Somerser Road
62	Martin's Aquarlum of NJ	76	Petals		Akron, OH 44313
	Paul Weintraub		Andrea Healy		Home Style Fudge &
	1610 N. Kings Highway Cherry Hill, NJ 08034		RR 3, Box 156AA Mays Landing, NJ 08330	93	Assoned Chocolates Timber Press, Inc.
	Cactus & Water Gardening		Pressed Flower Jewelry	94	Richard Abel
	Products	27	The Plant Place		9999 S.W. Wilshire
36	McTaggarts Robert B. McTaggart	38	Gary E. McClain P.O. Box 414		Portland, OR 97225 Horticultural Books
	909 Longmeadow Street		Wayne, PA 19087	20	Tinari Greenhouses
	Longmeadow, MA 01106	_	Plants & Cut Flowers		Frank A. Tinari
68	Flower Arranging Supplies The Meadow Lark	77	Pottery Unlimited Patricia & Jessica Everett		2325 Valley Road Huntingdon Valley, PA 19006
-	Ellen S. Platt		B7 Grandview Avenue		African Violets & Accessories
	RD #1, Box 1568		Trenton, NJ 08620	125	Toplary By Lucky
	Orwigsburg, PA 17961 Dried Flower Products		Hand-painted Ceramic Planters		Suzle Bruner
1B2	Mini Handerafts Boutique	29	Primex Gardeo Center		Route 2, Box 434 Danville, KY 40422
	Vincent Alves PO Box 2097		David Green 435 West Glenside Avenue		Plant Sculpting
	Upper Darby, PA 19082		Glenside, PA 19038	123	Trees Company
	Craft-things & Gifts from		Books, Garden Accessories		Rob Hagarty
79	Around the World Miracon/Nature's Miracle	101	Quaker Hill Flowers Shirley Dobbs		2877 Lovell Avenue Broomall, PA 19008
B0	Ed Walsh		52 Pleasant Street, RD #6		Wire Sculpture
	P.O. Box 3360		Vincentown, NJ 08088	70	Valley Forge Collections
	Westport, CT 06880 Nature's Miracle, Planteen		Dried Flowers, Crafts, Potpourri		Paul M. Greco 212 East Freedley Street
	& Plant Essence	52	R. H. Company		Nomistown, PA 19401
В	Mostardi's Nursery &		Ron Amand		Lawn Omaments, Cast Iron Products
	Greenhouses Inc. Stephen Mostardi		Box 43 Grand Island, NY 14072	45	Vegetable Factory, Inc.
	4033 West Chester Pike		Tropical Plants		Fred Schwartz
	Newtown Square, PA 19073	121	Rainforest Orchids		71 Vanderbilt Avenue New York, NY 10169
86	Flowering Potted Plants Obio Dairyland		Bill Smith 1408 Rt. 539		Sunspace
00	Cheese Co.		Barnegat, NJ 08005	78	Violet Rainbow
	Raymond Karee		Orchid Plants		Alice Bair
	462 Somerset Road Akron, OH 44313	B5	Raritan Valley		1515 Bachman's Valley Road Westminster, MD 21157
	Gournet Cheeses & Meats		Garden Ceuter Woody Lin		African Violets & Related
			33 Walnut Street		Supplies

Edison, NJ 08817

House Plants, Bonsai, Orchids



Gale Nurseries' "British Heritage" received the 1987 Alfred M. Campbell Memorial Trophy for an exhibit showing the most successful use of a variety of plants in a unique fashion.

Pennsylvania Nurserymen's Association

Mansmann/Liskey, Landscape Contractors 239A Oaklyn Road Coatesville, PA 19320 (215) 383-4289 Ken Liskey, Chair

An American Panorama

The magnificent pastel colors of the weeping cherries, broadleaf evergreens, and perennials planted against needled evergreens contrasts beautifully against a beige stucco house. This private garden is unified by the flowing lines of a spacious flagstone terrace, brick retaining walls, and flowing garden pool.

Pennsylvania State University

Cooperative Extension Service 5799 N. Broad Street Philadelphia, PA 19141 (215) 560-4150 Andrew McNitt, Chair

The Preserve Garden

By landscaping with fruit plants, the hidden omamental beauty of the species is unveiled. With careful pruning, various fruit plants mix attractively with other ornamental plants in the landscape. And with careful planning, the addition of fruit plants to the landscape can make surroundings wonderfully productive.

Philadelphia Cactus & Succulent Society

8704 Patton Road Wyndmoor, PA 19118 Milton L. Lonker, Chair

Our Plants around the World

Cacti and succulents grow in all environments throughout the world from western deserts to rain forests

continued

Major Exhibitors

continued

of Central America; from mountains of Peru, Bolivia and Chile to deserts of the Middle East and South Africa. Here are some international specimens grown by members of the Philadelphia Cactus and Succulent Society

Philadelphia Electric Company

4040 Chestnut Street Philadelphia, PA 19104 (215) 841-5584 Warren Baumgartner, Chair

Working to Preserve the Environment

This is a recreation of a rural area located on the Elroy to Hosensack 500KV transmission line in Upper Bucks County. The area was selected as a study site to determine the effect of various right-of-way treatments on wildlife and plant communities. Each time a high tension line such as this is erected, special landscaping is required to return the area to its natural state. Treatments include mowing, hand cutting. herbicides and selected foliar and broadcast foliar applications. Studies performed in this area concluded that a chemically treated right-of-way is inhabited by as much wildlife and as many songbirds as untreated side areas.

Philadelphia Green

The Community Gardening Program of The Pennsylvania Horticultural Society 325 Walnut Street Philadelphia, PA 19106 (215) 625-8280 Anne Vallery, Chair

Community Gardening: A Patchwork of Roots

Community gardening in Philadelphia is rich in cultural diversity. The cultural heritage of Philadelphia's gardeners plays an important part in their growing techniques and plant selection. This display focuses on the vegetable garden, in particular on ethnic vegetables and their roots in European, Asian and tropical gardens. The diversity of heritage so prevalent in Philadelphia contributes to its horticultural richness and makes community gardening a true "patchwork of roots."

We are grateful to the W. Atlee Burpee Company for its assistance with this exhibit.

Philadelphia Water Department

1101 Market Street, 3rd floor Philadelphia, PA 19107 (215) 592-6144 Maureen Sullivan, Chair

Compost: The Way the World and Your Garden—Recycles

For thousands of years, civilizations the world over have recycled natural organic waste material for use in fertilizing and conditioning agricultural soil. Illustrated are the most suitable uses of composted municipal sludge products for gardening needs.

Rosade Bonsai Studio

RD #1, 303 Ely Road New Hope, PA 18939 (215) 862-5925 F. Chase Rosade, Chair

A Garden of Bonsai from around the World

A strolling garden captures the imagination and fascinates visitors as they view bonsai in the making. These miniaturized plants come from many parts of the world and are displayed in this exhibit as miniature art forms.



W.B. Saul High School

7100 Henry Avenue Philadelphia, PA 19128 (215) 483-2841 Robert Hunter, Chair

Where in the World Did You Come from?

This outdoor "Old City" courtyard setting demonstrates the different growing methods that have evolved from countries throughout the world and educates visitors about the origins of various plants commonly grown in the Philadelphia area.

Special Exhibit Paradise Found

Sculpture by:
Greg Leavitt
Upper Bank Forge
476 Valley Brook Road
Wawa, PA 19063

Plantings by: Albrecht's & L.P. Cowan 701 Montgomery Avenue Narberth, PA 19072

Tropical bird sculptures forged of metals mined from the earth frame a cascading waterfall deep in a fantasy setting. The sound of water combined with lush foliage and flowers provides the perfect background for the sculpture. Flora and sculpted fauna complement each other in a tropical paradise found in the eyes of the viewer. At last the fantasy is real.

Stoney Bank Nurseries, Inc.

61 Stoney Bank Road Glen Mills, PA 19342 (215) 459-5100 John Blandy, Chair

Nature's Exercise

The garden, a perfect, natural setting to keep one physically and mentally in tune with the world. This garden is an example of sensory delights, providing an atmosphere where people can enjoy the world of physical fitness and be at home with nature. This small garden could be tucked anywhere for that workout.



Meadowbrook Farm's 1987 exhibit "Garden Delight" delights the public as always.

J. Franklin Styer Nurseries, Inc.

P.O. Box 98, U.S. Route #1 Concordville, PA 19331 (215) 459-2400 Paul W. Tickle, Chair

The Flower and the Leafe

The feudal world of Chaucer's time is romatically interpreted in this medieval garden, inspired by the 15th century poem "The Flower and the Leafe." Might not some lady-inwaiting have walked along a similar arbor-covered path, flowering crabapples above her head, and herbaceous perennials lining her pathway. Follow her footsteps: through the walled entrance into the cloistered garden, first to draw water from the

well surrounded by flowers, then to pluck the medicinal and decorative herbs growing in the shadow of the castle keep. Sit upon the wide turf bench encircled in wattle fencing, linger on the lawn of "grene grass so small, so thick, so short, so fresh of hew."

Teleflora

Edgemont Flower Shop 934 Providence Road Media, PA 19063 (215) 566-6227 Bemadette Dougherty/Karen Laich, Co-Chairs

A Tropical Dream

Here is a tropical dream directed to the senses, rekindling the memories of warm breezes, peace and tranquility. A view of a tropical paradise created through the exciting use and skillful arrangement of exotic tropical flowers in a flowershop window display presents a feeling of warmth to break the bleak winter.

Temple University Ambler Campus

Dept. of Horticulture & Landscape Design Meetinghouse Road Ambler, PA 19002 (215) 283-1292 George Manaker, Chair

Your World with Plants Indoors

Several displays demonstrate the decorative/functional uses of plants at home, work and play. The importance of plants indoors, and the proper management of the environment for maintaining healthy plants, is presented.

U.S. Dept. of Agriculture, SCS USDA Soil Conservation Service

160 E. 7th Street Chester, PA 19013 (215) 499-3916 Robert Francis, Chair

Do You Know Where Your Soil Is?

As good soil erodes from the landscape, it often creates an adverse effect on our water quality by turning to sediment. This display focuses on the adverse effects of poor land use and soil erosion and the formation of sediment in our lakes, streams and ground water.

Vick's Wildgardens, Inc.

P.O. Box 115 Gladwyne, PA 19035 (215) 525-6773 Greg Deibert, Chair

The World of Natural Beauty in an Old Barn Setting

The sound of water tumbling over rocks into a pond—wildflowers and ferns adorn the ground providing a delicate covering. Evergreens and deciduous trees establish the background for this world of natural beauty as seen in an old barn setting.

continued

Waterloo Gardens

200 North Whitford Road Exton, PA 19341 (215) 363-0800 Doug Jessie, Chair

Rogi Haru Ni (The Tea Garden in Spring)

A timeless, contemplative and beautiful garden is featured with stone lanterns, a pond filled with Koi, elegant bonsai, bamboo, and azaleas in an authentic Japanese design. Particular emphasis is placed on line, form, texture and overall composition.

Whitemarsh Land Design & Construction Co.

Stenton Avenue & Butler Pike Plymouth Meeting, PA (215) 828-9048 Duane McCarthy/Stanley Leighton, Co-Chairs

Living within the Landscape

The earth sheltered home blends beautifully with the landscape. It offers dwellers intimacy and the opportunity to break away from more traditional planting methods. The vegetative cover is selected for such dwellings with an eye to function and horticultural considerations: solar orientation, slope stabilization, stress limitations of the below-ground structure as well as plant growth habits, hardiness and maintenance requirements. This display shows that good planting design is more than a matter of "beautifying" one's residence.

Zoological Society of Philadelphia

34th Street & Girard Avenue Philadelphia, PA 19104 (215) 243-1100, Ext. 294 Joseph Mycka, Chair

This Garden Is Their World

A wetland habitat demonstrates the balanced coexistence between plants, animals and man. The display features native plants arranged naturalistically, and heightens our awareness of the delicate ecological balance of a temperate wetland habitat.

©

Florists Invitational

Sponsored by the Authorized Mercedes-Benz Dealers of Delaware Valley

Flowers are the highlight of our Show, and we're delighted to welcome 10 organizations as participants in this new exhibit. To each florist we provide the space and basic staging, then it's up to them to create a beautiful arrangement.

You'll find two exhibit locations marked on your floor plan and each arrangement will be in the Show for two days.

Grateful thanks to the following for joining the Show to present the best of floral arrangements:

Joseph Blatt

Yorktown Courtyard Elkins Park, PA 19117 (215) 885-2931

Carousel Floral Creations

Robert Della Barba Green Tree Shops, Suite 3 Green Tree Road Turnersville, NJ 08012 (609) 227-8481

Cook's Florist

Hal Cook 815 North Blackhorse Pike Runnemede, NJ 08078 (609) 931-7193

Vincent Smith Durham

2031 Locust Street Philadelphia, PA 19103 (215) 561-6298

Florissant

Neil Roseman 432 South Street Philadelphia, PA 19147 (215) 922-5700



Flowers at the Ben

Anne Lee and John Yu 834 Chestnut Street Philadelphia, PA 19106 (215) 574-0895

Flowers, Plants, Gardens

Herbert S. Plankinton, Jr. 5725 Kennett Pike Centerville, DE 19807 (302) 656-2400

Pine Run Corners Flower Shop

James Hayden 307 Horsham Road Horsham, PA 19044 (215) 675-1059

Jamie Rothstein

313 Cherry Street Philadelphia, PA 19106 (215) 238-1220

Sansone Florist

Keith Roselle & Sam Sansone 8 South Black Horse Pike Bellmawr, NJ 08030 (609) 931-4082 &

Orchid Invitational

In this year's central feature you find grand orchid exhibits from around the world. In another section of the Show, you'll find seven orchid exhibits that show you how you can incorporate orchids into your home environment. The Pennsylvania Horticultural Society provided the staging, and we're grateful to six local orchid societies and the New York Botanical Garden for providing us with such a variety of settings.

Central Jersey Orchid Society

7 Pin Oak Drive Lawrenceville, NJ 08648 Ed Frankel, Chair

A Peaceful Retreat

Every home owner can enjoy the beauty and tranquility of orchids and their flowers. With a few basic requirements this display shows that orchids can be grown without a greenhouse.

Delaware Orchid Society

P.O. Box 3570 Wilmington, DE 19807 Phil Oyerly, Chair Beautiful Beginnings

A marvelous display of orchids that have been grown in the homes of Delaware Orchid Society members. Proper conditions and a small niche in your home is all that you need to grow some of these delightful specimens.

Greater Philadelphia Orchid Society

7411 Boyer Street Philadelphia, PA 19119 Lois Blatman/Paul Sheetz, Co-Chairs Orchids - A Window to the World

Orchids that originate worldwide can be grown in your own window. Several exotic varieties suitable to the home environment are displayed.

Lehigh Valley Orchid Society

4117 Green Pond Road Easton, PA 18042 Joseph Fliszar, Chair Living with Orchids

Orchids—beautiful, fascinating, versatile—orchids make wonderful houseplants. With their range of size and growth environment, these plants are suited to any windowsill. Try a lady slipper with your African violet, or a miniature cattleya with your sunny succulents.

The New York Botanical Garden The Greater New York Orchid Society

Bronx, NY 10458 Amie Linsman, Chair

An Orchid Show in the Making

Orchid growing as a hobby and as a satisfying horticultural endeavor offers many rewards to the home grower. This display shows the benefits of growing orchids and highlights some of the plans underway for the Greater New York Orchid Show to be held this year at the Enid A. Haupt Conservatory of New York Botanical Garden on April 21 through 24.

South Jersey Orchid Society

407 West Mantua Avenue Wenonah, NJ 08090 Marion Nicoll, Chair

Orchids under Glass

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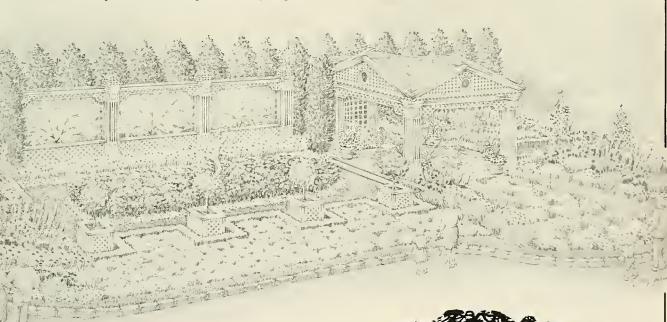
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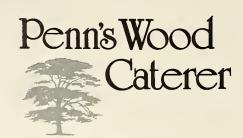
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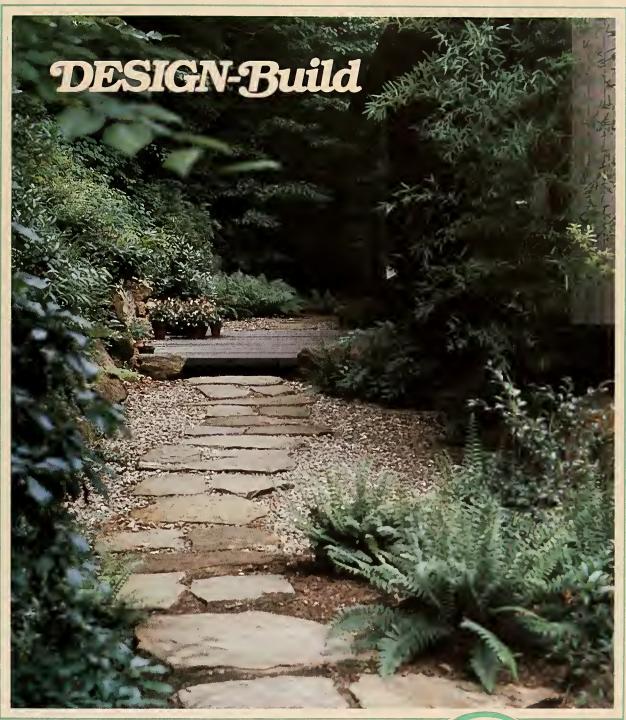


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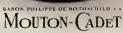


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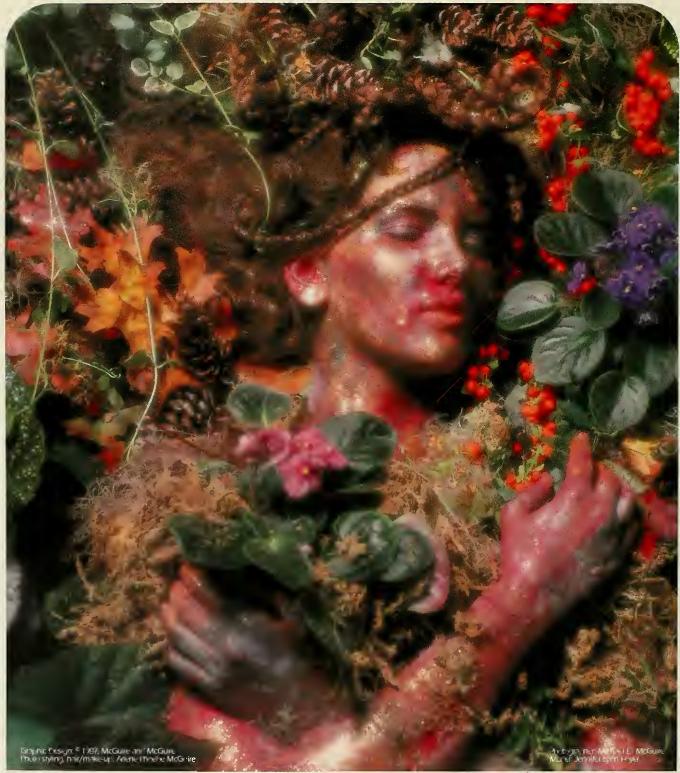




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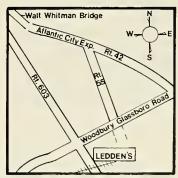
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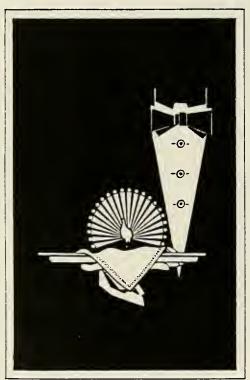
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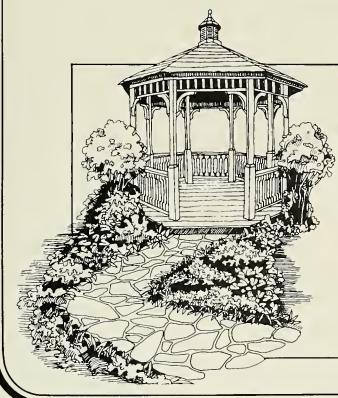
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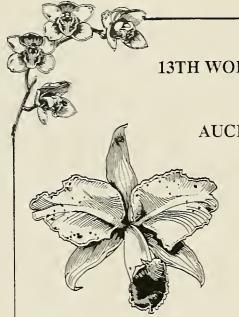
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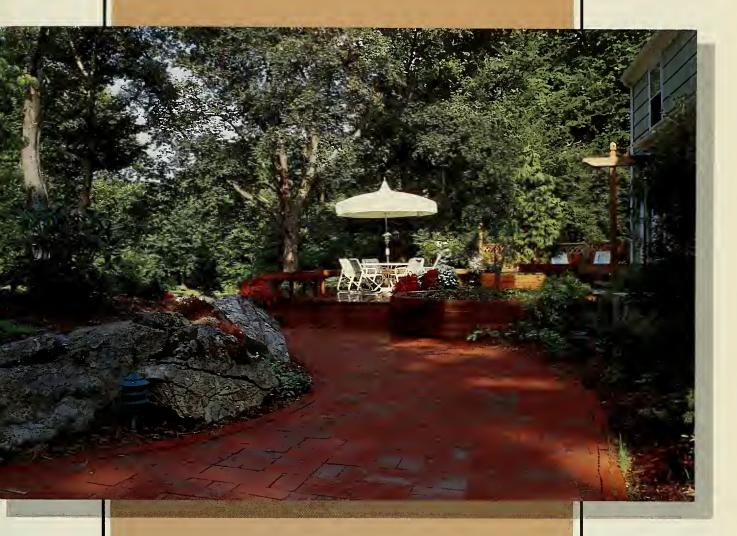




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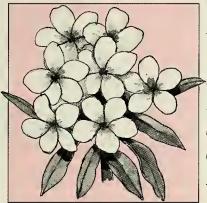


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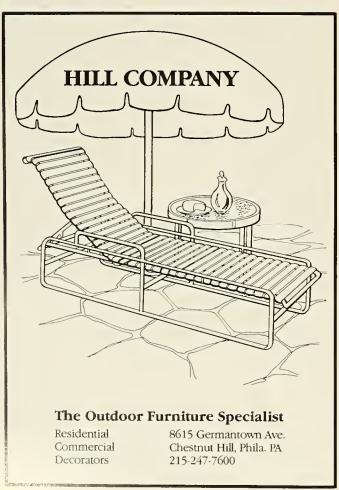
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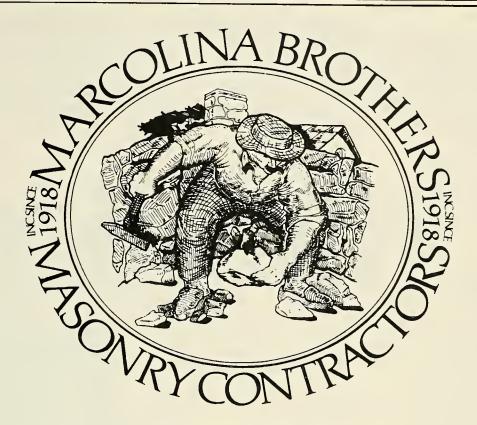
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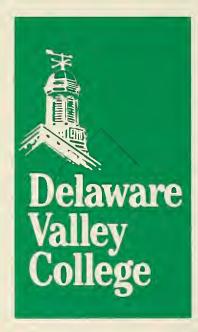
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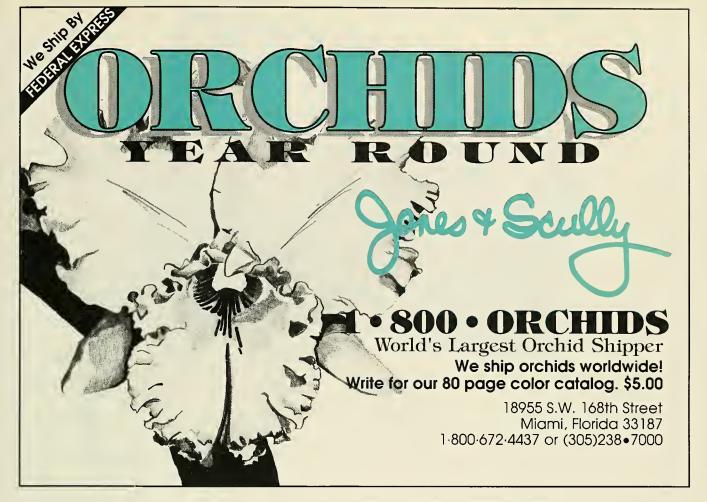
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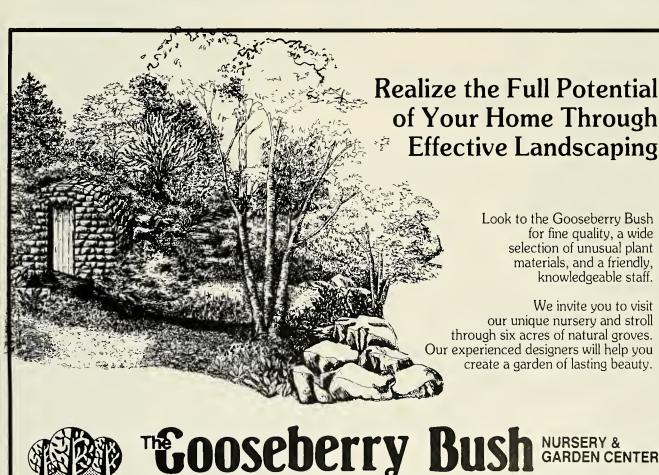
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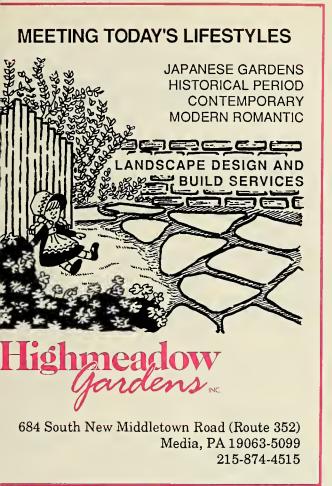
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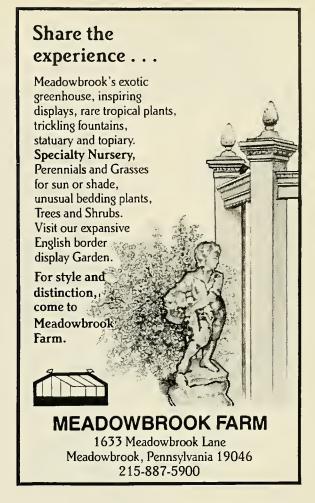


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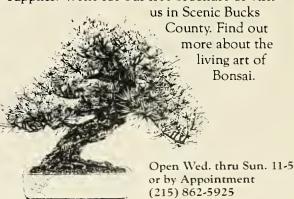






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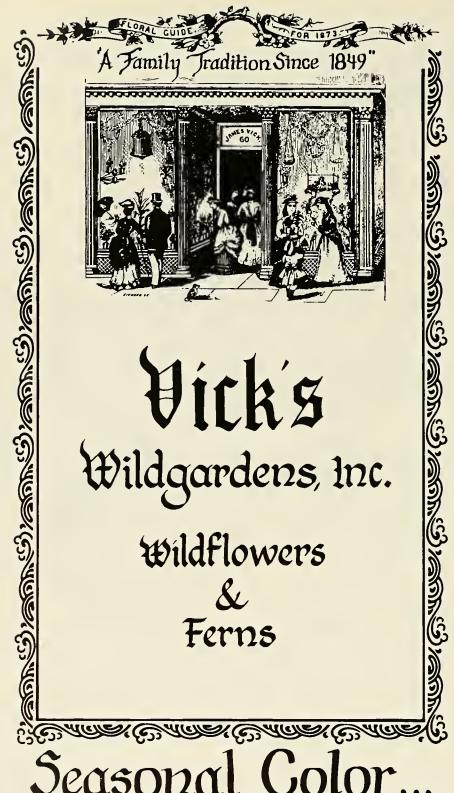
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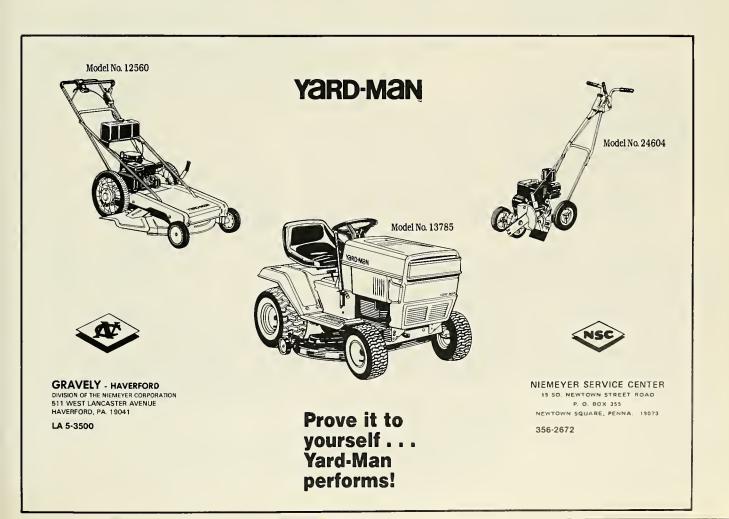
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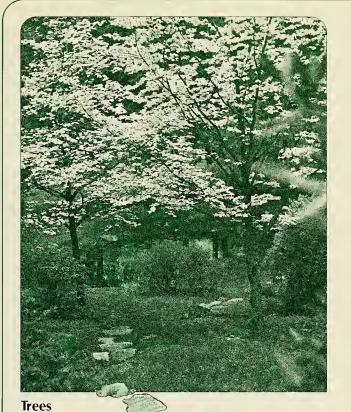
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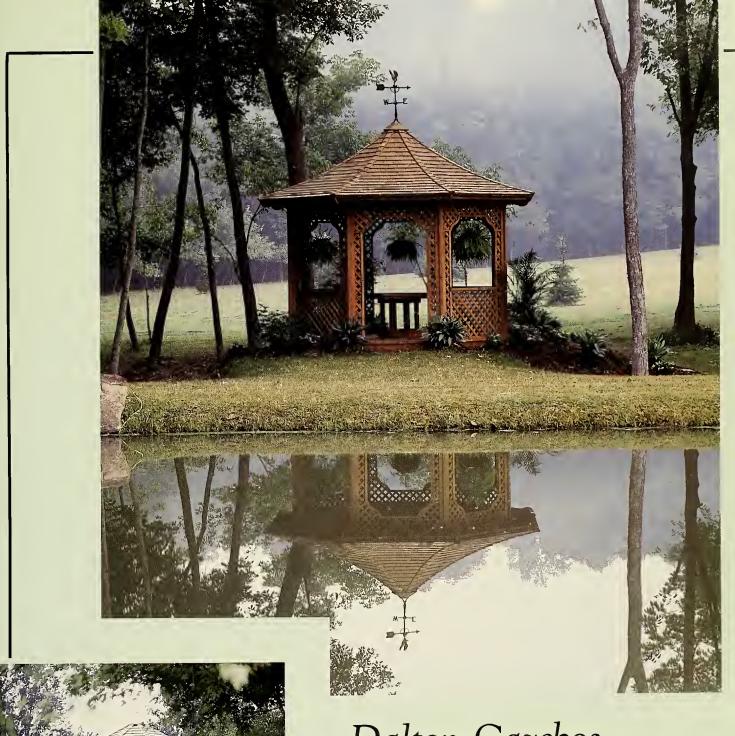
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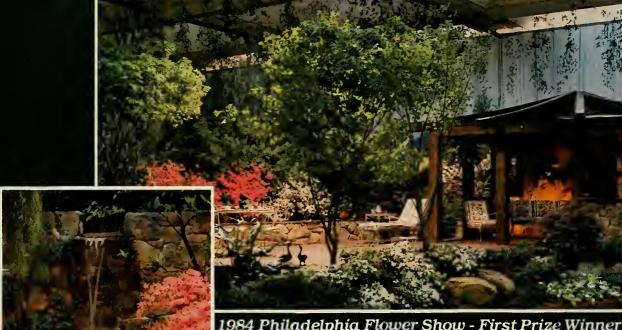
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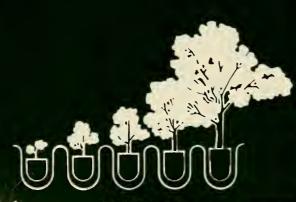
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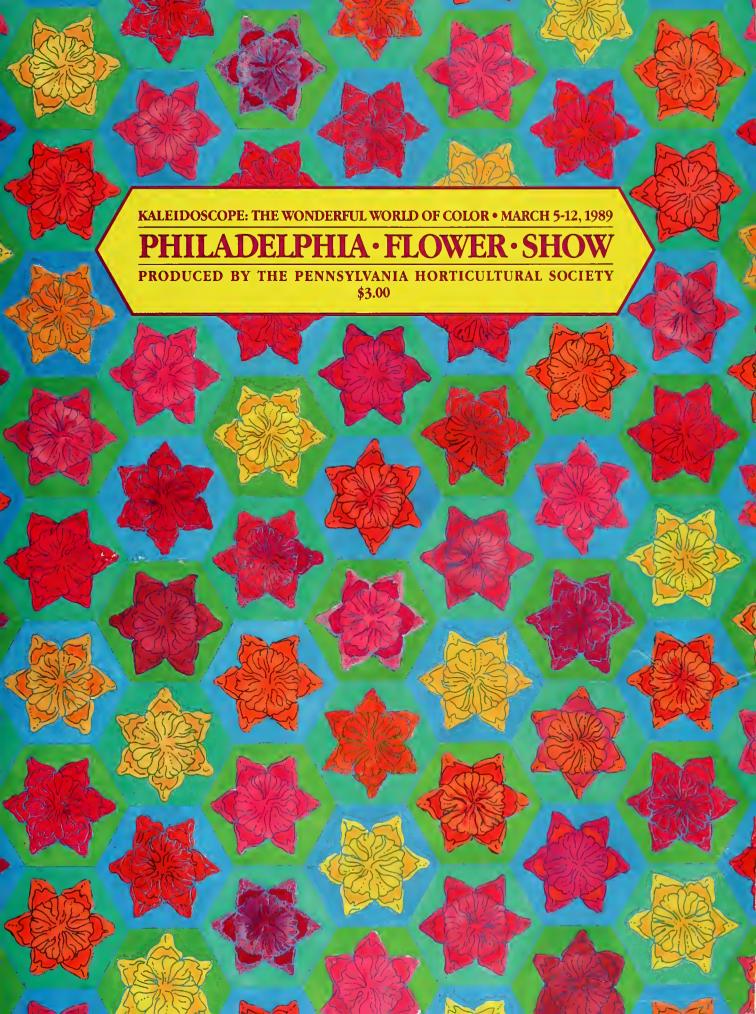
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Welcome to the 1989 Philadelphia Flower Show

t the ragged beginnings of March, we're all thrilled to take a minute to smell the flowers. And to remind ourselves that we live in one of the remarkable gardening areas in the country. Here at the Show the wonderful diversity of nurseries, plant societies, arboretums, colleges and universities conspires with the best of the amateurs to produce the finest indoor show in the world.

Yes, we have the best of all possible worlds; our own wonderful area's gardening resources and some of the

best from afar: this year the Niagara Parks Commission School of Horticulture, known for their pyrotech-

nical floral displays, came from the Canadian side of Niagara Falls to work on the entrance exhibit in partnership with the Ontario Flower Growers. As with the young British students

from the Merrist Wood Agricultural College in England a few years ago, these international and crossgenerational collaborations ensure the continued blossoming of ideas.

This Show is a three way winner for all of us: for the visitors, exhibitors and volunteers it keeps us mov-

ing over the cusp of winter into spring

winter into spring. It mobilizes the exhibitors to a high level of creative gardening, both to educate and to please.

And finally, the revenues from the Show continue to support The Pennsylvania Horticultural Society's Phila-

delphia Green project, the country's largest community greening program. This program is involved with more than 1,300 gardening projects: flower and vegetable gardens, greening blocks, window boxes, greening Center City and some of the gateways to the city, and sponsoring the city gardens contest.

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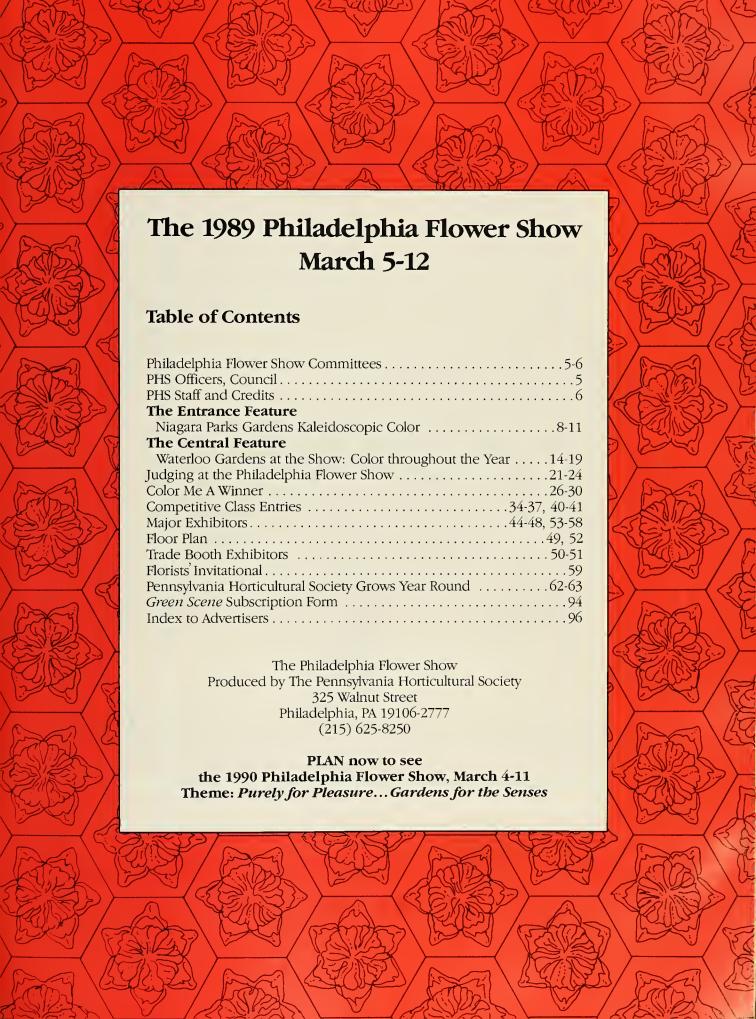
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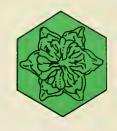
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Artist's rendering of Niagara Parks Gardens' Entrance Exhibit for 1989 Philadelphia Flower Show.



Niagara Parks Gardens Kaleidoscopic Color

by Natalie Kempner

s with most creative masterpieces, a Philadelphia Flower Show is years in the making. Three to five years, usually, according to Jane G. Pepper, Show manager and president of the Pennsylvania Horticultural Society. Theme ideas emerge, details get filled in with stray thoughts, suggestions and occasional strokes of genius are added until another Show is born.

Color as a theme—color in flowers and plants through the seasons—was bounced around for years. It seemed a natural, just waiting to be pulled together by some captivating focus.

"My Flower Show ideas come at odd moments, often unexpectedly," explains Ed Lindemann, the Show's designer since 1980. "My wife and I like browsing in antique shops on Cape Cod. One summer we were in this little shop in Brewster, which sells only kaleidoscopes. Hundreds of kaleidoscopes, ranging from \$5 to \$5000! And there was this year's show."

Not that the 1989 show— Kaleidoscope: The Wonderful World of Color—appeared miraculously, fully evolved, in a single flash in a Cape Cod shop. But the vision was clear, with color the key and a living horticultural kaleidoscope the feature for the grand entrance exhibit. Brainstorms are essential, but then who can bring the inspiration to fruition, with what and how? Each Flower Show exhibit is a vast collaborative effort. Success requires sorting through memory and experience to garner talent, material and technical skill.

First, where to find the horticultural color for the kaleidoscopic entrance? "You're looking for color and you think of Niagara Falls—the Canadian side. Have you seen the parks and gardens there?" queries Lindemann.

Each morning at 7 o'clock, the School Superintendent led the apprentices in a program of Swedish isometrics, followed by a run up the Niagara Parkway.

Both Lindemann and Pepper had seen and remembered. They discovered that responsiblity for the Niagara Parks Gardens is in the hands of the faculty and students of the Niagara Parks Commission School of Horticulture. Their brochure described the school's grounds: "One hundred acres of immaculately maintained gardens provide a visual feast for some 500,000 visitors annually. The diligence of several hundred students has created one of America's most outstanding landscapes." And, auspiciously:

"The rotation of the seasons offers an ever changing kaleidoscope of growth, colour, bloom and fruit."

So, pursuing their quest for color and good horticultural practices, Lindemann and Pepper made a flying visit to the Niagara Falls school. "Spectacular in its scale," praises Pepper, "running along the river with its abundance of brightly colored, old-fashioned bedding displays. The students are impressive."

Recalling the valuable contributions of students from England's Merrist Wood Agricultural College to the 1985 "Touch of Britain" Flower Show, the Philadelphia Show management was quick to invite the school to provide the color and horticultural expertise for the 1989 entrance exhibit.

The NPC School of Horticulture was established in 1936 in response to a compelling need to train young Canadians to work in parks, cemeteries and commercial nurseries. Canada had long been blessed with expert gardeners from Great Britain. Now, emigration having practically ceased, knowledgeable gardeners had dwindled to a small group of irreplaceable older men.

continued



The Art, Trade or Mystery of Gardening

One hundred acres opposite the Niagara Glen were set aside for "The Training School for Apprentice Gardeners." The eight young men who enrolled in 1936 signed official 'Indentures' binding them "To Learn the Art, Trade or Mystery of a Gardener after the manner of an apprentice and to serve for the term of three years." They received room and board and \$5 a week.

The school site, a rough farm with coarse, undrained soil, was transformed by the labor of the apprentices and their teachers. With their hands, hand tools and the help of Old Queenie, a workhorse, they moved soil and building materials, dug trenches for water lines and propagated thousands of trees, shrubs and perennials. Each morning at 7 o'clock, the School Superintendent led the apprentices in a program of Swedish isometrics, followed by a run up the Niagara Parkway.

Today the total enrollment is 36—12 in each of the three classes—and, since 1973, there have been women as well as men. The course is arduous, with an eight hour work day, year-round. The school grounds, where students develop their practical skills and apply their classroom knowledge, are the principal classroom. Horticultural excellence is the keynote, and the more than 350 graduates occupy key horticultural positions in the U.S. and Canada.

The Ontario Flower Growers

In 1986, the Ontario Ministry of Agriculture and Food invited and Longwood

Gardens for "Floral Ontario," a dazzling display by Ontario's commercial flower growers. There he met Carol Klein, the Ministry's Trade Development Consultant for the Mid-Eastern region of United States. Klein has an office in Philadelphia and just happens to be an enthusiastic member of Pennsylvania Horticultural Society with an orchid-growing husband.

This fortuitous occurrence led to one more happy collaboration. Ontario Flower Growers readily agreed to work with the Ontario school to grow whatever plants were needed. They also arranged the transportation of plants to Philadelphia where their trucks come regularly for delivery to area nurseries and gardens. "For us," explains Klein, "the Flower Show is a natural. It associates us with a wonderful event, and gives credibility to Ontario as a major producer and supplier of plants."

Klein points out that the general public thinks of Canada as a land of ice and snow when, in fact, the Niagara Peninsula has optimum growing conditions with a mild climate and abundant rainfall. "Vineyards and orchards line our lake shores. Our peaches," declares Klein, "rival those in Georgia."

The Kaleidoscope

Finally, the kaleidoscope itself. Kaleidoscope, an optical instrument invented by Sir David Brewster (hence a kaleidoscope shop in Brewster?), comes from three Greek words which together mean "to see beautiful forms." It usually contains bits of colored glass placed between plates and mirrors so that, with movement, the glass bits reflect color in endlessly changing patterns.

Lindemann wanted his kaleido-

scope feature to be "fun and whimsical" and also a place where visitors could pause and reflect. He played around on paper with reflecting surfaces, mirrored ceilings and fans, well aware that his designs were being referred to as "Lindemann's Folly."

Enter Mark Bowen, stage set builder and master carpenter. "Ed first saw me at last year's show, building a patio for the Wilmington Garden Club. He saw that what I do is all theatre. And he wanted theatrics."

The plan to construct a giant authentic kaleidoscope, into which each visitor would peer, was abandoned when Lindemann contemplated the massive traffic jam of people backing up the escalator into the lobby of the Civic Center and out onto the street.

Since a real kaleidoscope was not practical, the challenge was to design something to give the effect of a kaleidoscope without being one. "A very difficult assignment," says Bowen. "I thrive on technical problems but this one could only be done with mirrors. That is, with magic."

Surprisingly, there is not just one kaleidoscope shop in the world. Bowen visited all the ones he could find from Maryland to Rhode Island. He accumulated a collection of the few kaleidoscopes he could afford and spent hours and hours staring into them. He haunted the space-age, light and color exhibits at the Franklin Institute and the Smithsonian, and got into wizardry bending mirrors, distorting images, seeking the big curve to get what he calls "the infinite effect." As the structure developed, the problem was to keep it from looking like just sculpture

with a bunch of mirrors, which it is. "Luckily," says Bowen, the stage set builder, "Illusion is the theatre's business!"

The result defies description. The centerpiece pseudo-kaleido-scope, eleven feet tall and eight feet across, is a mass of mirror-surfaced triangles. As it turns slowly, the hundreds of little mirrors, each focused at a slightly different, constantly changing point, pick up a myriad of images reflecting every which way. The dimensions are such that the viewer is immersed in reflected color, which fills total vision.

The Gardens

But whence the flood of color, the images? Around the centerpiece, four circular structures, eight feet high and twenty feet in diameter, contain sloping raised beds of flowering plants "through the seasons," the work of the Ontario students. The diagonally opposite beds are mirror images of each other, with variations in color. As visitors pause to absorb the effect, multiple images of themselves and their clothes blur and blend with the hues of reflected flowers. Rainbow relfections appear and melt like bubbles floating by.

The eight student participants from the Niagara School of Horticulture include four each from the classes of 1989 and 1990. Selected on the basis of the highest total grades for combined practical and theoretical subjects from April to December 1988, they arrived, along with Senior Instructor, Melvin Dell, on the Tuesday before the Show opened to do the planting. Their caring for the exhibit throughout the Show includes one total replanting



Part of the Niagara Parks Commission School of Horticulture Campus. Student answers tourists' questions.

during the week.

In designing the four gardens for the exhibit, the students make use of showy pot plants in six inch containers and carpet beds started before the Show and shipped in sections. A mix of orange, yellow, purple and salmon pink cyclamen, kalanchoes and Rieger begonia, are augmented with dense flowering shrubs, bulbs, maidenhair ferns, and trailing vines cascading over back walls.

Floral mosaics, the school's forte, are here the star attraction. Four logos, two of the Niagara Parks Centennial logo—a tree with the falls in the background—and two with Ontario's emblem, the trillium, are in opposite beds, reflections of each other.

And so, entering from late winter dreariness to 'Kaleidoscope: The Wonderful World of Color," the visitor is caught by surprise. The gateway to the 1989 show is a stunning dramatic production. "It is," says Carol Klein, "an event. An exhilarating theatrical event."

The entrance feature is not, as in former years, a recognizable, identifiable place. It is, rather, a capricious environment of futuristic floral fantasy. �

Natalie Kempner is a free-lance writer, founder and retired director of the Norris Square Neighborhood Project, an urban environmental education center. She is a member of the Pennsylvania Horticultural Society Council and the Philadelphia Green Advisory Board. (Photo supplied by Niagara Parks Commission School of Horticulture.)



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Waterloo Gardens crew member David Anderson adjusts a maple rootball in a wire basket to steady it after it's been dug. A week before the Show opened, the tree was moved from the greenhouse onto a truck with a forklift. The wire lasket is left on the tree during the Show.

Color throughout the Year: Waterloo Gardens at the Show

by Anne S. Cunningham

magine combining a kaleidescope and a time machine. Picture the greys and browns of winter, and the kaleidescope sparkling with red berries, blue spruce, hollies and other evergreens against the winter whites. Shiny bright aconites peek through the snow. Time spins and brilliant yellow narcissus pops up, backed by tree buds of pink and light green. Turn the kaleidescope faster and a fountain of glorious perennials splashes over delicate pastel columbines. Against a background of rich greens, bright summer annuals crowd the kaleidescope until it bursts into fall, when the multi-colored changes from ground to sky move so quickly you almost miss them.

Waterloo Gardens' central exhibit at the 1989 Philadelphia Flower Show shows vivid year-round color as it evolves both inside and outside the home.

"We like to be challenged," says Waterloo's presidents Bo and Linda Le Boutellier. "And the challenge of forcing plants to represent different seasons really appealed to us." After nearly two years of planning, Waterloo's Exton and Devon, Pennsylvania teams, with some help from architect Bob Gilmour, have created a masterpiece.

This giant, 4,000 square foot exhibit divides into four parts. The first part, the central framed

house is carpeted but minimally decorated, so visitors can enter to look through to the gardens. A spring garden sparkles off the patio on one side; the summer garden invites relaxation around the patio on the other side; and a winter garden stands spare and elegant beyond the greenhouse straight ahead.

Visitors enter Waterloo's threeseason house through the front porch—an attractive way to solve two problems: the designers had to raise the ground level to accommodate the soil needed to cover huge tree roots, and they had to elevate the floor of the house to achieve the right perspective looking out over the gardens from the interior windows. By repeating some of the same plants in each garden, yet adding different accents, Waterloo hopes to give visitors an understanding of why a garden should be designed for year-round viewing, not just for the colorful but brief blast of summer.

Trees and Shrubs for Color

Trees and shrubs provide the greatest year-long interest with the least maintenance. Dogwoods receive a lot of attention with white, yellow, pink, or red spring flowers, green or variegated summer leaves, brilliant fall foliage, red or purple berries, and a variety of winter barks from bright yellow to warm red to

exfoliating. With new hybrids introduced almost every year, rhododendrons and azaleas offer the planned garden continuous flowers through a long stretch of spring and early summer, then they call attention again in fall and winter with shiny evergreen leaves ranging from green to copper to deep mahogany.

Waterloo Gardens uses the 'P.J.M.' rhododendron in all three gardens. In spring it has bright rose-purple flowers, then its dark green, small foliage turns reddish in the fall. Other rhododendrons



To ensure four trees would be ready in time for the Flower Show, the Waterloo Gardens crew at the Exton store dug six trees in December. The trees were dug with a Big John tree digger, which can dig a tree with a 55-inch rootball. The trees were then moved into a greenhouse.

ılın C. Gouker



Artist's rendering of Waterloo Gardens Central Feature, 1989 Philadelphia Flower Show.

they recommend for winter color are the hybrids, Karen and Hot Shot, whose leaves achieve a rich mahogany sheen in the cold months, although their warm dark orange and magenta flowers don't fit into everyone's color schemes.

Even without flowers, plants that change with the seasons appeal to the sensitive gardener. Fountain grass (Pennisetum ruppelii) is popular because its showy, feathery shape works so well in a garden throughout the year. It looks just as beautiful when it's brown as it does when it's green.

In winter, Nature's kaleidescope doesn't lose color, it merely changes the palette. Color becomes an ornament in the winter garden while the structure has a chance to stand proudly on its own. A bushy deciduous barberry (Berberis thunbergii) or winterberry (Ilex verticillata) carries bright red berries on stark twigs all winter long. The delicate flaking cinnamon-brown bark of a paperbark maple (Acer griseum) captures the attention of those who have never noticed winter has colors.

In addition to the challenge of putting color and structural interest in Waterloo's winter garden, the staff had fun adding special touches, like pieces of brown sod they'd saved from a fall landscaping job, epoxy ice on running water, and tiny epoxy icicles hanging in just the right places.

Greenhouse windows and glass extensions are popular because they "bring the outside into the house, enable more color in the winter scene, and add to the whole winter effect," according to Waterloo's designer. Richly scented full-flowering jasmine, big bright abutilon, colorful cyclamen and elegant orchids are just a few popular greenhouse plants that flower over a long period. Pots of forced bulbs like the fragrant freesia and narcissus tantalize the winter-bound gardener waiting for spring.

Then the kaleidescope turns and color bursts open outside. Late winter bulbs like scilla, snowdrop, crocus, chionodoxa, grape hyacinth and early narcissus are the advance team for the star of the show, Spring, when flashy hyacinths, narcissus, tulips and bold yellow forsythia distract us

continued

Suggestions for Color throughout the Year

Common Name

Potential Height	Spring	Summer	Fall	Winter
	Almost infinite range of flower colors from early spring to early summer, then leaves turn colors and persist through winter/some deciduous			
Blackhaw <i>(Viburnum prunifolium)</i> 10 - 12 ft.	white flowers	blue-black fruits	brilliant red-purple leaves	bare branches
Blue Princess Holly (<i>Ilex x Meserveae 'Blue</i> <i>Princess'</i>) up to 25 ft.	delicate white flowers	deep blue-green foliage	red berries	evergreen leaves
Chokecherry <i>(Prunus maackii)</i> 35 - 40 ft.	white flowers	green leaves	black fruit	cinnamon-yellow exfoliating bark
Dwarf Burning Bush (Euonymus alata 'Compacta') 6 - 8 ft.	yellow flowers	green foliage	brilliant red foliage	corky bark
Japanese Barberry (<i>Berberis thunbergii</i>) 4 · 5 ft.	yellow flowers, red tinged outside	green foliage	bright red leaves	persistant bright red berries
Japanese Maple (Acer palmatum) 4 - 6 ft. / 15 - 16 ft.	deeply cut, rich red leaves	green, purple or red leaves	deep red foliage	picturesque weeping branches
Japanese Snowbell (<i>Styrax japonicus</i>) 12 - 15 ft.	white, bell-shaped pendar	nt flowers in June and July		gnarly grey bark
Korean Stewartia (Stewartia koreana) 30 - 40 ft.	white flowers, yellow stamens	full green foliage	small fruit	brown multi-colored flaking bark
Kousa Dogwood (Cornus kousa) 16 - 18 ft.	white star-shaped blooms, late	green foliage	large red fruit clusters	exfoliating bark
Paperbark Maple (Acer griseum) 20 - 25 ft.	green leaves	good green foliage	coral-red leaves	papery cinnamon colored bark
P.J.M. Rhododendron (Rhododendron P.J.M.) 4 - 5 ft.	lavender to pink flowers	dark green, small foliage	leaves turn mahogany	deep red leaves persist
Redtwig Dogwood (Cornus alba 'Sibirica') 8 - 10 ft.	white flowers	quick grower; green foliage	blue fruits	bright coral red bark
Sargent Crab (Malus sargentii) 6 - 8 ft.	masses of white flowers	green foliage	bright scarlet fruits	fruits stay late into winter
Smoke Tree (Cotinus coggygria) 12 - 15 ft.	plumey flowering clusters	green foliage	blue-green leaves	bare branches
Sourwood (Oxydendrum arboreum)	late white flowers	drooping fruit clusters	bright scarlet leaves	some drooping fruit clusters remain

1988 Pennsylvania Horticultural Society Award of Merit for outstanding exhibit in Aesthetic (commercial) category at Philadelphia Flower Show: Waterloo Gardens' Rogi Haru Ni (The Tea Garden in Spring).

from the delicate daily changes above our heads.

Waterloo's choice of plants for their spring garden suggests early April, a time when flowering bulbs are in full splendor while perennials and elegant green ferns begin to strut their stuff. Containers full of cheery pansies carry the eye from ground level flowers to the exciting bushes and shrubs of spring, up to the trees just breaking bud.

Careful Timing Is Essential

Tall, magnificent trees are part of Waterloo's great success. They forced more than 250 trees and shrubs just to get the right effect for each season. Two greenhouses (one built just for forcing trees) were used to achieve the right effects. Trees and shrubs for the winter garden were dug in December: the broadleafs were sprayed with anti-dessicant, then kept in a cold greenhouse to protect them from the outside

temperature extremes. Trees for the summer garden were dug last summer. cooled, then put in a warm greenhouse to take them as far ahead of time as possible. Spring garden trees and shrubs were the last to come into the warm greenhouses.

The biggest challenge is coordinating everything. Different types of plants, from the smallest to the largest, with different growing requirements, all have to peak on one day in March. One thousand containers of bulbs,



The showy, feathery shapes of fountain grass are beautiful year-round, as beautiful brown as they are green. Shown here at Longwood Garden's Idea Garden.

900 geraniums, 600 impatiens plants, and dozens of Waterloo's specialties like Silver Dragon liriope and the beautiful lisianthus have to be timed just right.

In past years, Waterloo Gardens bought many of their Flower Show plants in Florida, trucked them to their greenhouses in December, reconditioned them for two months, brought them to bloom, then moved them to the Civic Center in March. But two years ago, in January, two of Waterloo's main greenhouses collapsed under the weight of a major snow storm. This year Waterloo Gardens reinforced its greenhouses, forced its trees and blooms there, put them on trucks one morning last week and took them off two hours later at the Civic Center, ready for installation.

These brightly colored flowers, primarily annuals, provide most of the color for Waterloos' summer garden, because summer perennials did not fit into the

tight time constraints for Flower Show forcing.

Waterloo sees their customers as "busy people who want low maintenance gardens with bright blooms throughout the summer." With this in mind, Waterloo features an astonishing selection of brilliant European geraniums, *Pelargonium pelfi*, red and pink mini-cascades, new to gardeners in this area. They also have popular impatiens in every imaginable color, and for highlights in containers, they use the lisianthus or prairie gentian.

Each garden in Waterloo's magnificent exhibit has distinct sunny and shady areas. The designers aimed for colorful, pleasing gardens that would inspire Flower Show visitors in the best possible way. Waterloo Gardens' presidents Bo and Linda LeBoutellier explain that they "want people to see these gardens within their personal frames of reference, if not completely within

their means. We hope flower show visitors will find at least one or two ways they can add yearround interest to their own gardens."

Recommended Reading

Flowers for All Seasons
A Guide to Colorful Trees,
Shrubs and Vines by Jeff and
Marilyn Cox. Rodale Press,
1987. \$24.95

Growing Silver, Grey and Blue Foliage Plants by Roger Spencer. Kangaroo Press, 1987. \$12.95

The Garden in Winter by Rosemary Verey. New York Graphic Society, 1988. \$40.00

Gertrude Jekyll on Gardening Edited by Penelope Hobhouse. Vintage Books, 1985. \$8.95

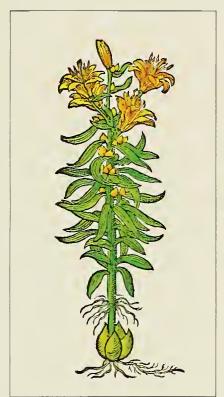
The Illustrated
Gertrude Jekyll
Colour Schemes for the Flower
Garden. Little, Brown. 1988.
\$29.95 ♦

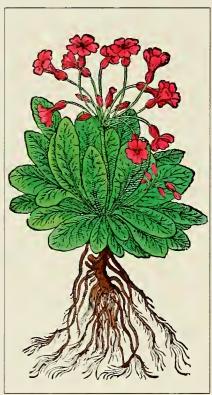
Anne S. Cunningham is coauthor of *Philadelphia with Children*, Starhill Press, Washington, D.C. 1988. She is a frequent contributor to *Green Scene*, the bimonthly magazine published by the Pennsylvania Horticultural Society. She has also written about gardening for the *Philadelphia Inquirer* and several national magazines.

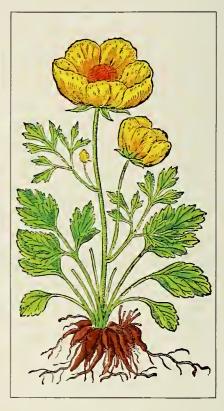


"To create a little flower is the labour of ages — The thankful receiver bears a plentiful harvest."

William Blake







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Judging at the Philadelphia Flower Show

by Judy Mathe Foley

ew of the quarter million people who attend the Philadelphia Flower Show can resist seeking out the award winners and second-guessing the judges' decisions. "How did that amaryllis ever get a blue ribbon? Mine at home looks better than that!"

Long before the Show opened, a prodigious and well-orchestrated effort was underway. For the past year 50 volunteer committees have been at work. They have scouted out, evaluated, and assembled some 200 judges from as far away as Tacoma and Seattle, Washington; Houston and Beaumont, Texas, and Sarasota, Florida; or as close as Wilmington, Delaware, and Glyndon, Maryland. A Nomenclature Committee has checked the names of all plants entered. A first round of judging occurred before the Show opened.

Exhibitors—commercial nurseries and educational organizations and plant societies, individuals or members of local garden clubs who enter the horticultural classes, gardens, porches, arrangements in the artistic section—have grown, arranged and presented their offerings according to a predetermined schedule. Both entrants and judges have the same information, so each knows what the other expects. Entries are measured on such critieria as cultural perfection, distinctiveness, maturity, educational value, and condition and choice of plants.

Hard as this judging process is on both the judges and the judged, it's equally hard on the plants. One exhibitor says it takes several months for her plants to recover from the rigors of putting their best foliage forward for the judges. For this reason, entries are rotated and judging continues throughout the entire Show. Almost all niches are changed each day because the flowers don't last long under the hot lights. On Tuesday and Friday, Horticourt entries change; on Wednesday the room and table arrangements change.

Before the show ends, the almost 2,000 entries will have won about 1,200 ribbons: blue for first, red for second, yellow for third, and white for honorable mention. Almost 90 trophies and 70 certificates will have been awarded, and each commercial entry will have received an engraved silver piece.

Follow a Panel of Judges

To get an insider's view of how this process works, consider a sample judges' comment that appeared on one of the large commercial exhibits last year: "Excellent expression of intent. Plant material is well chosen and well grown. The euonymus is an imaginative use of a conventional

plant. Water velocity competes with the tranquility of the design scheme."

The panel of three judges who compiled those comments were chosen and challenged last February: "You will be evaluating the best exhibitors of their kind in the world. Years of time and thousands of dollars have gone into this competition. You will be ranking the best among themselves and before a quarter of a million visitors as well as the national media."

Hard as this judging process is on both the judges and the judged, it's equally hard on the plants.

Their marching orders are: Be fair and efficient. Work as a team. Judge exhibits against a point score sheet, not against each other. Remember this is a flower show and exhibitors are allowed a blooming time span of approximately two months, so do not point score on time of bloom. Include encouraging words as well as constructive criticism.

The three judges on this Commercial Aesthetic Display panel were invited from out of town to avoid charges of favoritism because even though the names of all exhibitors are hidden from the judges, the work in this category is easily recognizable. The judges were deployed Be fair and efficient. Work as a team. Judge exhibits against a point score sheet, not against each other.

at 6:30 a.m. the day before the Show opened. Between 7 a.m. and 3 p.m., they had only about 15 minutes to review each of more than 18 exhibits that contained a wide variety of plantings ranging from trees and shrubs through flowering plants and including design elements such as gates, gazebos, statuary and fountains.

Accompanied by clerks to record their impressions, the judges went from exhibit to exhibit pondering such questions as:

- Is the idea novel and imaginative?
- Are color and texture carefully considered and effectively used?
- Is the use of plants and structural accessories feasible?
- Do all the components carry out the exhibitor's intent?
- Is the variety, quality and presentation of forcing done to perfection?

With their notes in hand, the judges met as a panel to come to agreement on each exhibit. The members of this panel use some high-tech assistance in their task. In prior years, the Commercial Aesthetic judges discovered that by the time they'd seen the 18th exhibit, they had trouble recalling the first, so the Flower Show management now videotapes the commercial exhibits so the judges can later jog their memories as they write those important comments that must be "constructive" and "encouraging."

Now as this judges' panel regins its work of tallying up



Two hundred and two judges, from all over the country, come to judge in the horticultural section of the Show.

their scores, prize money rides on their decisions as they rank each exhibit on the following scale:

- 30 points for design concept and execution
- 25 points for successful use of plants
- 25 points for condition and quality of plants
- 15 points for showmanship
- 5 points for educational value to the public

After they discuss their rankings, they award point scores and choose the winners who receive silver and certificates to display on their exhibits. Later in the week a small committee allocates the prize money based on the point scores awarded by the judges.

The Horticultural Classes

Over in the Horticourt, behind the escalator, some 800 exhibitors

have entered plants in more than 200 different classes including cactus, orchid, flowering succulent, bulbs, espalier, group of flowering plants, and hanging container. Here, too, are 55 "passers," gatekeepers who may seem even more exacting than the judges and, to aspiring entrants, most certainly the most hard-hearted. The passers are the standard-bearers who pass on every entry in the Horticourt, assuring that it is one of the best in its class even before it goes on public display. Daily, they turn away potential entries that don't meet Philadelphia Flower Show standards. Their job assures that the plants visitors see are at the acme of horticultural perfection.

When the three judges on a horticultural panel get together, they might argue over the rarity of a cactus or how closely the staging of a particular exhibit meets the standards set forth in

Ira Beckoff

the schedule. Discussion might center on perfection of culture. Is that primrose a commonly cultivated hybrid, relatively easy to bring to perfect bloom, or is it an Asiatic type, grown high in the mountains and difficult to grow here? How large are the blooms relative to how large they might be? How well groomed is it; for example, does the foliage have brown edges?

Agreement might be difficult because each of the three panel members may come from a different background. "I might know geraniums, and another judge may be an alpine plant grower," a judge says, "so we argue over the relative difficulty of growing this geranium versus the difficulty of growing an alpine plant. It often comes down to how adaptable we are. If we want to complete our work in time, we have to come to a diplomatic compromise."

Judging at the Philadelphia Flower Show is a science and skill that has been honed, improved, and modified over the years. The process combines the precision of military deployment with the aesthetics of a beauty contest and academic horticultural expertise with diplomacy. Some judges are professionals with horticulture degrees who head non-profit arboretums or work for commercial firms. Others have received training and apprenticeship through organizations such as the Garden Club of America or the Federation of Garden Clubs of America. And the Show is one place where the dictum, "There's no such thing as a free lunch," is proven inaccurate. A free lunch is the only "payment" judges receive; they are all volunteers who pay their own transportation and all other

expenses.

Judges are people to whom the biblical injunction "Judge not that ye be not judged" offers no hesitation. They pursue perfection in each class, seeking those specimens that set standards to which others might aspire and against which any plant of that class may be measured. They aim to please neither their fellow judges nor the judged, but to improve the overall horticultural perfection of each of their specialities.

Judging is the line that separates the horticulturists from the gardeners. So what value beyond seeking out the blue ribbon winners does the judging process hold for those of us whose idea of gardening is to keep a kalanchoe on an apartment window sill or whose pleasure in floral display may be as simple and satisfying as arranging a bunch of tulips brought home from a suburban mall, a roadside market, or a city street vendor on the way home from work?

At first glance it seems that a judges' comment of "Impeccably groomed" doesn't offer much clue about how to turn that poinsettia you kept over from last Christmas from the leggy monster it is into the compact plant it could be, but it does point you in the direction you should be going. And the wide variety of plants, all beautifully grown and perfectly groomed, in the Horticourt can provide inspiration that might head you in another growing direction. Judges' comments about harmony and balance in the table arrangements or about plant selection and color coordination in window boxes may give you ideas about how to arrange those tulips.



Judges evaluated 1,735 entries in the horticultural section of the 1988 Show.

Show Sets National Plant Standards

The judges know winning isn't all. "I love perfection of plants. I like to see who can really make the little old seed bloom at the right time and really look good," says a judge from Boston. "I like to see newer varieties of plants being brought to the public eye."

"The Philadelphia Flower Show has such high standards that sometimes it's hard to choose the best because every entry is so good," says another judge, a professional horticulturist from Pennsylvania. Professionals value the Show, he says, because it gives them a chance to "study the plants in detail and to see the nitty gritty of how a plant is grown." For spectators, the Show

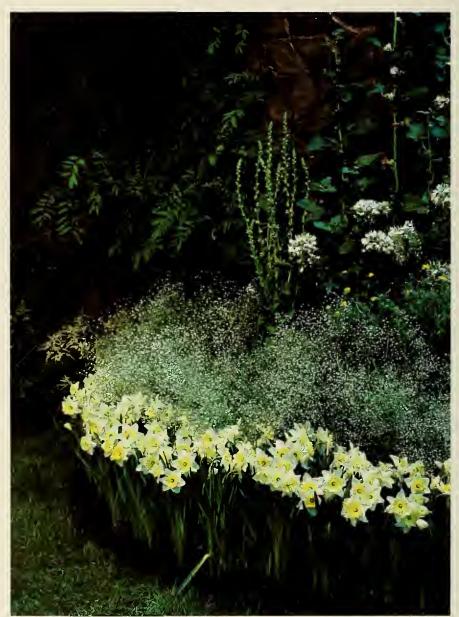
provides an impressive display of "the art of horticulture which you can't really find in books."

And what about that comment, "How did that amaryllis ever get a blue ribbon? Mine at home looks better than that!" Some 13 years ago Sylvia Lin came to the Flower Show as a "spectator" and made that comment about her own begonia. The next year she entered—not the begonia, but a rabbit's foot fern—and won honorable mention, an event her household greeted, she recalls, with an enthusiasm akin to winning the lottery. Since then Lin, who enters begonias, ferns and succulents in the Horticourt each year, has won over 200 ribbons, and the Horticultural Sweepstakes four times.

"Don't be intimidated by the judging," Lin, who has no formal horticultural training, advises the amateur. "Judging is secondary. Having your plant passed by the passers is important because it means your plant is show-worthy. It's nice when you win, but it's thrilling just to have your plant included even when you don't get a ribbon."

Judy Mathe Foley, a free-lance writer and editor, is a member of the Pennsylvania Horticultural Society Council; she also chairs the Publications Committee.





Section of J. Franklin Styer Nurseries, Inc. 1988 exhibit, which won the PHS Award for an exhibit of distinction and the Philadelphia Flower Show Inc. silver trophy for the most distinctive garden (professional) in the Show.

High Judges Scores Net Cash Awards for Commercial Exhibitors

The exhibitors in the commercial categories often spend several years and thousands of dollars preparing for the Flower Show. (One nurseryman, for example, purchased roses in the summer of '88 for a massive display at the 1990 Philadelphia Flower Show.)

Each year, to assist with the expenses the Society pays a per square foot subsidy to each eligible commercial exhibitor. In addition, to continually improve the quality of the Show, Philadelphia Flower Show management allocates prize monies to be divided among commercial exhibitors according to their judging scores.



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and I could say things with color and shapes that I couldn't say in any other way—things that I had no words for."



Color Me A Winner

by Cheryl Lee Monroe

n March we are starved for color. We anticipate the assault on our senses that a visit to the Show and its spring colors will bring us. So color us winners as we venture to the Philadelphia Flower Show.

"I love color. I'm like a person who drinks too much when I am with color," declares Elizabeth Conwell, a 90-year old Adirondack artist. And so it is for many of us.

What is color's magic that makes us sigh and exclaim with delight as we descend the escalator to the Show. Color is the essential component in planning and designing each landscape, garden, porch, room and artistic class at the Show. Through the manipulation of color, designers in the artistic classes create different moods and thrill visitors with their interpretation of the class titles.

Color affects individuals differently and is a subjective perception and experience. It influences our sensory organs and evokes many of the emotions and sensations we experience.

How does color at the Show tantalize us out of our winter doldrums? What is it about that wonderful porch bursting with peach color that reminds us of

Dazzling yellow roses and gerbera contrast brilliantly with violet irises and anemones. Martha Clark and Gay Mason created the arrangement using skeins of embroidery floss to plot color scheme. (Photo, left.) the Old South, or how does the cool blue background and stately junipers in the garden class lead us to envision the Mediterranean. How does color make an exhibit a winner?

Winners

Martha Clark and Gay Mason, exhibitors in the artistic classes, are not new to the Flower Show nor to color and fresh flowers. Color is the most important part of their exhibits and they begin their planning by contemplating colors that spark their imagination when pondering the title for the class they enter.

Last year, their prize winning entry in "Day is Done" captured the Margaret Biddle Bright Award for the week's outstanding blue ribbon in the large niche class. Their color choices were the key to their success, and the judges commended their entry saying "the twilight color evokes a tranquil atmosphere at day's end."

They prepared for "Day is Done" by asking themselves what it meant to them; what colors did the close of day bring to mind. They considered the winter sky, experienced the great sigh of relief one feels after a hectic day. Peace. What color is peace? The quiet peace at the end of a day, the winter sky and shadows aroused thoughts of subdued colors: mauves, greys, hints of lavender and the glow of peach. After choosing colors to interpret their class, they selected

a container and finally, the flowers.

Both Clark and Mason feel there must always be a touch of pizzazz in their designs and the touch of peach provided it in this case. They turned to a color wheel to find that "zap" of color that provides the final dazzle. The wonderful splashes that make an arrangement sing are complementary colors and can be found directly across from one another on the color wheel.

Clark and Mason produce and design a domestic line of needle-work where color also plays a vital role. Using skeins of colorful embroidery floss they plan their exhibit down to the proportions of color by combining different quantities of the skeins of floss. When planning any flower arrangement or decorating a room, a visit to a local needlework shop will provide a wealth of color samples to help visualize color choices.



This mass arrangement called "Majestic" won the "Best of Week" in niche and pedestal classes for Gay Mason and Martha Clark's Thursday small niche entry at the 1988 Flower Show. The judges wrote: "Color harmony and freshness evokes a majestic fantasy."

Clark and Mason feel that well planned color and a sense of scale in a design produces a winning entry, and a designer need not use exotic flowers to achieve perfection. As for color coordination, all colors go together. It is the proportion of each color that we choose that makes the difference. For example, it is difficult to envision enjoying purple and orange in equal proportions in a design, but purple with a sliver of orange—a winner!

Color Evokes a Sense of Place

Midge Ingersoll and Ann Driscoll. with members of the Moorestown Garden Club, produced a blue ribbon porch last vear. Co-chairs of the exhibit, they approached the theme. "Watching the World Go By," by picking a location and deciding on the colors that conveved it. After choosing the "Old South" for the location, they envisioned "that wonderful shrimpy color" that evoked thoughts of the South for them. With the addition to the house facade of very dark green shutters, the setting oozed the feeling they were after. At impact, they wanted the viewer to know exactly where they were. so they consulted stacks of books to ensure their color choices were authentic for the South.

In most exhibits, backgrounds play a minor role and plants provide the impact. In this case the striking peach colored background was very intense so they chose their plants carefully. Colors always alter surrounding colors, either improving or diminishing their neighbors. In this case, the background color mould be modified by their plant they chose plants that



Gay Mason and Martha Clark won the Margaret Biddle Bright award for the outstanding large niche exhibit of the week for "Day is Done" (entered Saturday) at the 1988 Show. "Color choice exquisite," said the judges.

would not detract from the peach color on the house front or compete for the viewer's attention, but that would blend and accent. Their choice of variegated foliage proved a perfect one. White used in any proportion changes the balance of a design and in this display, white gave the monochromatic peach color scheme the balance it needed. For impact, plants were placed in masses: when scattered, plants can produce a distracting polkadot effect.

For that last touch of perfect color coordination, the gardeners from Moorestown came prepared with several choices to ensure the balance was perfect. They supplied a chair cushion with options—a solid peach color on one side and stripes on the other, and for the floor there was a choice of brick covering or paint. The judges loved the results and awarded them the coveted first place.



Blue ribbon winner: Moorestown Garden Club's "Old South" Porch features "that wonderful shrimpy color." (1988)

Ingersoll, a fine artist, loves complementary colors as evidenced by her ideas for the porch class. She uses them lavishly in her home and art where they provide a statement and impact. Complementary colors also accent and balance a composition, and the "Old South" was a perfection of color and balance.

Cheryl Monroe is administrations coordinator for the Pennsylvania Horticultural Society and a flower designer.

"Kaleidoscope— The Wonderful World of Color."

What visions did this year's theme evoke for exhibitors? For Midge Ingersoll it was bold, luminescent and abstract colors. For Martha Clark and Gay Mason it was clear bright colors. Visitors, exhibitors and judges have many opportunities to debate and ponder the use of color in the competitive classes with class titles such as "Color Me," "Color Explosion," "Prism," and "Symphony of Color." Imagine how you would interpret those titles.

The judges will once again praise "color that captures the richness," the "excellent color harmony," and "the handling of color throughout that integrates the whole design." The many subtleties of color will again take us to different countries, cities and into our own backyard with "Kaleidoscope of Philadelphia."

With color, we are all winners, from those of us who need it to lift up our spirits, to those who plan for months to construct an exhibit that is a perfection of color and balance. We hope, like Conwell, that we, too, will be drunk with the color.

continued

All colors go together. It is the proportion of each color

that we choose that makes the difference.

Pure Colors (Hues): Red, Blue and Yellow-colors from which all other colors may be derived.

Complementary Colors: complete and accent each other provide impact. They are found directly across from one another on the color wheel.

Harmonious Colors: Closely related colors that lie between the pure hues on the color wheel. Also note that cool colors with other cool colors create harmony as does warm with warm.

Contrasting Colors: Colors that create a striking difference, i.e. cool colors when placed with warm colors provide contrast.

Warm Colors: Center on Orange (contain Yellow pigment) i.e. green, scarlet.

Cool Colors: Center on Blue (contain Blue pigment) i.e. violet, blue green.

Value: The lightness or darkness of a color owing to the addition of either black or white.

Chroma: The intensity or saturation of a color measured by its freedom from a mixture of white or black.

Tints: a graduation of color owing to its mixture with white.

Shades: the degree of darkness of a color owing to its mixture with black.



"Color effects are in the eye of the beholder. Yet the deepest and truest secrets of color effects are, I know, invisible even to the eve, and are beheld by the heart alone." Faber Birren

"The purest and most thoughtful minds are those which love color the most." John Ruskin

"Our response to color is spontaneous, passionate, and personal, and only in some respects is subject to reasoning." Anni Albers

On the color red:

"Red seems to resound from the deepest recesses of the human soul." Ikko Tanaka

"I began to see the infinite possibilities of weaving color pictures with plants."

"You can plan color, but not always control it."

Penelope Hobhouse �



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Edmund B. Gilchrist, Jr.

Philadelphia Flower Show Competitive Classes

Seed and Weed Garden Club's "Ditchley Park" entry in the Room classes won a first. Betty Michell and Ann Schaefer co-chaired the exhibit.

Flower Show Competitive Classes Open to Everyone

The Pennsylvania Horticultural Society will mail an exhibitor's schedule and guide to all Society members in September. If you are not a member and wish to receive a schedule, write to Flower Show Secretary, Pennsylvania Horticultural Society, 325 Ednut Street, Philadelphia, PA 19106-2777.

In 1989 exhibitors entered 253 Competitive Classes: Niches, Miniature Arrangements, Defined and Open Space Arrangements, Rooms & Tables, Miniature Settings, Designs for Pressed Plants Material, Gardens, Porches, Window Boxes, Collections and Horticultural Classes.



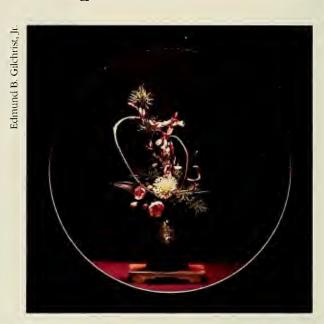
A first for Garden Workers' Moroccan Table in "The Ambassador Entertains." Bette Hamilton and Gibby Rhoads co-chaired the exhibit.



"Orient Expressed," a first place medium niche entry by Lucie and James W. Steele, The Garden Workers. The judges commended the stunning staging for adding to the "serene drama."

"Tremendous imagination and originality," said the judges of Audrey Nichols and Penny Harris's large niche entry "Still Life." Nichols and Harris of Garden Club of Philadelphia won a blue for their entry.

Competitive Classes continued



"Free trade," a small niche entry netted a blue for Margaret Childs and Grace McKennedy of the Norristown Garden Club. "A charming niche," voted the judges.

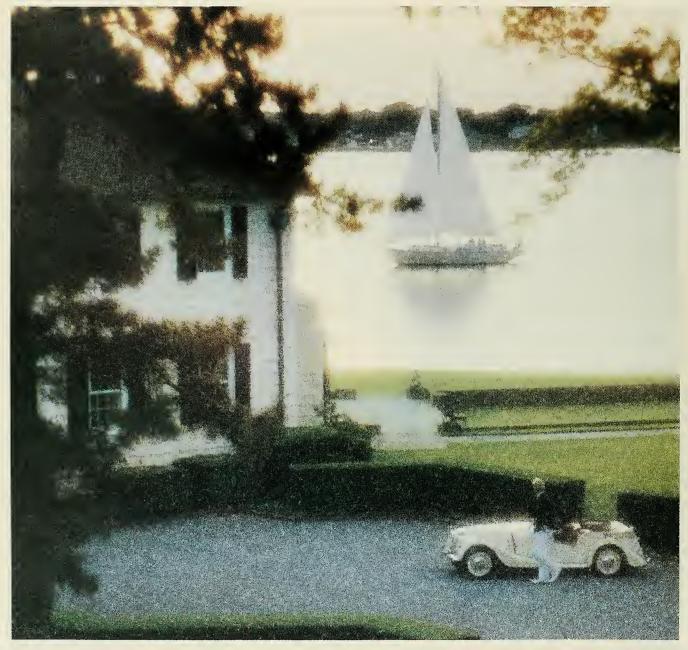


"Arabian Nights," an entry in the Miniature Settings class is truly a fantasy created by Mr. & Mrs. Robert S. Freeman and their daughter Lisa.



"Syncopation, a rhythmic design," a medium pedestal entry, won a first for Ann S. Mastrangelo and Gail Shelton of Old York Road Garden Club. ��

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Competitive Class Entries



"South of France," the Garden Club of Wilmington's entry in the Home Away from Home Garden Class. Katherine Kristal and Katharine Schutt co-chaired the exhibit.

Room Entrants

Chestnut Hill Garden Club

Elizabeth S. Browning, *Co-Chair* Jean Wright, *Co-Chair*

Garden Workers

Topsy Cunningham, Chair

James Hayden and Sally Hansell

Norristown Garden Club

Leni Katz, Co-Chair

Susan Thatcher, Co-Chair

Garden Club of Princeton

Jody Olcott, *Co-Chair* Sally Worm, *Co-Chair*

Rose Tree Gardeners

Sibby Toland, Co-Chair Emily Williamson, Co-Chair

Wayne Woods Garden Club

Linda Mason, *Co-Chair* Liz Mayer, *Co-Chair* Denise Slawter, *Co-Chair*

Wyomissing Hills Area Garden Club

Mary Ann Doxie, *Co-Chair* Gloria Ludwig, *Co-Chair* Susanne Naylor, *Co-Chair*

Table Entrants

Rich Batcho and Bill Ryan

Country Gardeners

Edna Dickson, *Co-Chair* Dottie Grosse, *Co-Chair*

Huntingdon Valley Garden Club

Trudy Green, *Co-Chair* Ginnie Tietjens, *Co-Chair*

Maple Glen Garden Club

Judy Finestone, *Co-Chair* Barbara Wells, *Co-Chair*

Our Garden Club of Philadelphia and Vicinity

Lois Gross, *Co-Chair* Jean Lewis, *Co-Chair*

Garden Club of Philadelphia

Pat Carson, *Co-Chair* Betty Toland, *Co-Chair* Nadine Hoffman, *Vice-Chair*

Unionville Garden Club

Joanne Morris, Chair

Garden Club of Wilmington

Katharine Schutt, *Chair* Yolande Dobbs, *Vice-Chair*



Room Class: Stop the World I Want to Get Off, An Adobe Retreat, won a blue for the Old Eagle Garden Club. Cynthia Clough and Missy Espenshade cochaired the exhibit.

Miniature Settings Entrants

City/Suburb

Mr. and Mrs. Robert S. Freeman and Lisa H. Freeman Mr. and Mrs. Jacques J. Leroux Jayne and Ben McCormick M. Jane Smyth and Becky Smyth

Country

Bruce Barnstead and Robert Courts Mary Nichols and Jane Clifford Joann Shinkle, Carol MacCluskie and Helen Cohen Sandra S. Trump and Vanessa Peirce

Window Box Entrants

Garden Workers

Alison Hammond, *Co-Chair* Inta Kromboltz, *Co-Chair*

Huntingdon Valley Garden Club

Bissie Miller, *Co-Chair* Nancy Putney, *Co-Chair* Natalie Thomas, *Co-Chair*

Junior League Sustainers Garden Club

Martha Sanson, *Co-Chair* Barbara Wadhams, *Co-Chair*

Laurel Lea Garden Club

Terry Hoyt, *Co-Chair* Arlene Seeger, *Co-Chair*

Stony Brook Garden Club of Princeton

Angie Austin, *Co-Chair* Katie Heins, *Co-Chair*

Twin Valleys Garden Club

Pat Howse, *Chair* Marny Ryon, *President*

West Trenton Garden Club

Norma Reisert, *Co-Chair* Anne Scheffer, *Co-Chair*

Woodland Garden Club

Gail Kolb, *Co-Chair* Pat Meyer, *Co-Chair*

Porch Entrants

Outdoor Gardeners

Mary Kydd, *Co-Chair* Eleanor Schleicher, *Co-Chair*

Random Garden Club

Cynthia O'Keefe, *Co-Chair* Peggy Slack, *Co-Chair*

The Weeders

Taddy Dawson, *Co-Chair* Beverly Jennings, *Co-Chair*

Wissashickon Garden Club

Debby Evans, *Co-Chair* Leslie Purple, *Co-Chair*

Garden Entrants

The Gardeners

Lucy Frack, Co-Chair Sandra Welo, Co-Chair

Greene Countrie Garden Club

Mary-Ann Thomas, President

Penn Valley Garden Club

Anna Marie Amey, *Co-Chair* Susan Di Loreto, *Co-Chair* Christine Jackson, *Co-Chair* Mim Whaley, *Co-Chair*

West Chester Garden Club

Hope Wood, *Co-Chair* Sandy Young, *Co-Chair*

Horticultural Collections Entrants

Class 200

Dr. and Mrs. George D. Collins

Four Counties Garden Club

Margarete Marvin, *Co-Chair* Sandy Pearce, *Co-Chair* Nancy Post, *Co-Chair*

Julia Morris and Lee Morris Raden

The Planters

Esther Biddle, *Co-Chair* Peggy Tilghman, *Co-Chair*

Class 300

Garden Club of Bala Cynwyd

Elizabeth Neal, *Co-Chair* Barbara Smith, *Co-Chair*

Four Lanes End Garden Club

Dorothy Rowen, Co-Chair Eleanor Slaven, Co-Chair

The Plantsmen

Jonathan Frank, Co-Chair Ed Lindemann, Co-Chair

University of Delaware Horticulture Club

Kirk Bullock, *Co-Chair* Regina Muldoon, *Co-Chair*

Class 400

Walter Fisher, Jr.

Garden Club of Princeton

Barbara Bromley, *Co-Chair* Penny Thomas, *Co-Chair*

Southeastern Pennsylvania Orchid Society

Joan Nangle, *Chair* Michael Bowell, *Vice Chair*

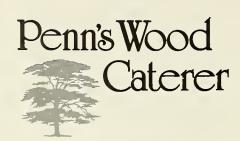
Garden Club of Springfield Mary Welch, Chair ↔

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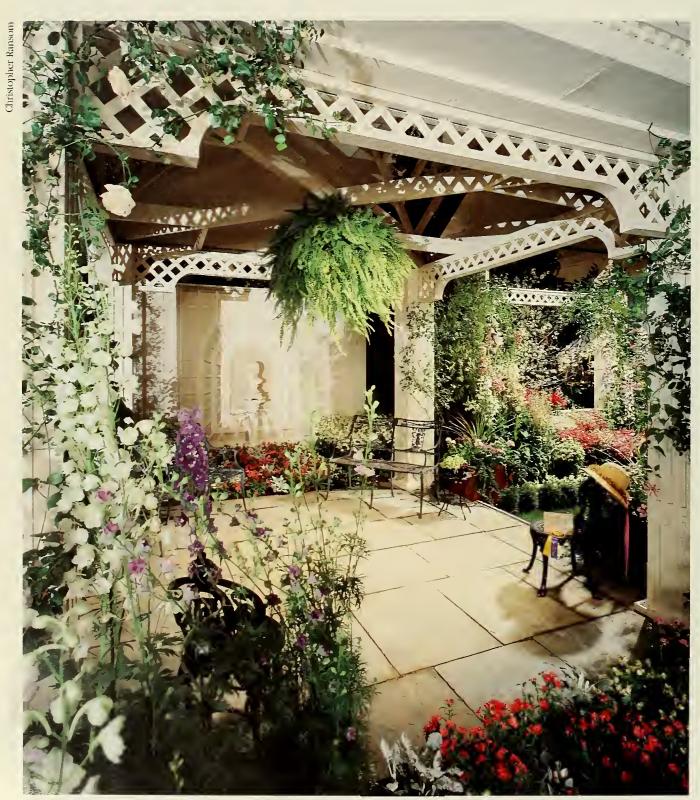
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Gale Nurseries' "An 18th Century European Garden" received the 1988 PHS Flower Show Award for "Best in Show" the Aesthetic (commercial) category. This exhibit also won The Garden Club Federation of Pennsylvania's Special to rement Award "for profusion of horticultural excellence."



1989 Flower Show Major Exhibitor Descriptions

African Violet Society of Philadelphia

2050 E. Orleans Street Philadelphia, PA 19134 Tom Seiler, Chair

Violets: A Kaleidoscope of Color

A naturalized planting shows many of the *Saintpaulia* species in cultivation and displays the latest hybrids. This exhibit captures the beauty and charm of a well-known houseplant and encourages us to learn more about these spectacular hybrids.

Albrecht/L.P. Cowan

701 Montgomery Avenue Narberth, PA 19072 Ralph Grasso, Chair

Over the Rainbow

A display of pure fantasy features indoor and outdoor plants of every season combined in a setting right out of Munchinkinland in Oz. Polka dotted and striped topiary trees, floating flower arrangements and tiered circular flower beds contrast Dorothy's hometown in Kansas with the kingdom of Oz. A section of Dorothy's fallen house complete with surrounding cornplants and tumbleweeds sits beneath a lazer/hologram rainbow that carries the eye skyward to a pedestal crowned with the all important "Ruby Slippers."

Allied Florists of Delaware Valley

Joseph Genuardi Florists, Inc. 410 E. Fornance Street Norristown, PA 19401 Joe Genuardi, Chair

Carousel of Color

A carousel of horses reminiscent of the Golden Age of carousels, blends with the spectrum of colors of cutflowers and plants. The horses are replicas of wooden originals carved by the historical Philadelphia Toboggan Company in 1927. The joyful flower designs blended with the spirited horses will stir memories of our childhood years.

American Primrose Society/ Doretta Klaber Chapter

1421 Ship Road West Chester, PA 19380 Anita Kistler, Chair

Primroses and Spring

Looking for early spring color in the garden? The primrose is a good choice. During April, May and early June, the primrose blooms in many colorful shades. This display features several varieties that are reliably hardy in the Delaware Valley. Members of the American Primrose Society are on hand to answer visitors' questions on plant care.

American Rhododendron Society

Kresson-Gibbsboro Road, RD #1 Voorhees, NJ 08043 Ted Stecki, Chair

Rhododendrons in the Garden

Perhaps you've consistently received pink and white azaleas for years as a gift at Easter time and now, the entire yard is lined with these lovely specimens. But what about azaleas and rhododendrons available in other

colors, for example salmon, lavender or scarlet? This display features many varieties and a smashing range of colors. Members of the American Rhododendron Society are on hand to answer visitors' questions on planting and care.

American Rock Garden Society/Delaware Valley Chapter

2106 Pennsylvania Avenue Fort Washington, PA 19034 Joyce Fingerut, Chair

From Nature's Backyard—Small Natives for Your Garden

The little things in life are those than can bring the most pleasure. This display celebrates the small native plants of the garden in a naturalistic setting. The plants were chosen for color and texture—perky pussytoes, wild columbine, crested iris and Quaker ladies thrive in this minienvironment. A catalog listing sources and cultural information is available at the display.

The F. A. Bartlett Tree Expert Co.

P.O. Box 3067 Stamford, CT 06905 Benjamin G. Tresselt, Jr./ Anne Robertson Ferrucci, Co-Chairs

Trees and Drought

Drought stress significantly limits tree health, vigor and appearance. This exhibit demonstrates through graphics, proper irrigation techniques, fertilization, selection of plants, planting and

continued

Major Exhibitors

continued

care. Information on planning to reduce drought stress and preserve the landscape is available at the display.

County Line Landscape Nursery

120 Main Street Green Lane, PA 18054 Denni Jones, Chair

Jake's Paradise Campground

The typical campsite—woodsy and filled with modern conveniences? Well, at least one part of this campsite takes on the popular "vuppie" look. Two other scenes show camping sites designed with the honeymooner and the boy scout in mind. This "campy" atmosphere is enhanced with a grove of birch trees, and masses of azaleas, mountain laurel and rhododendrons.

J. Cugliotta Landscape Nursery, Inc.

RD =10, Route 206 Vincentown, NJ 08088 Joe Cugliotta, Chair

Garden Glamour

Garden glamour was created for lovers of beauty. The gazebo. delicate in line, has a look of refined architecture. Bluestone walks with flowering borders create a colorful pathway. A formal backdrop of lush dark arborvitae. red and pink rhododendrons and white azalea hedging add the needed closure for a glamorous setting.

Delaware Valley College

Route 202 & New Britain Road Dovlestown, PA 18901 John D. Martin, Chair Janing-

- Tell Runs Dry

The concept of xeriscaping was developed out of necessity about five years ago in Colorado. Experts estimate that gardeners who follow the principles of xeriscaping can reduce watering volume between 30 and 80% through: proper mulching, plant selection and grouping, irrigation techniques and water conserving design principles. Xeriscaping is a holistic approach to water conservation that does not sacrifice the garden's beauty to achieve its goals.

Delaware Valley Fern Society 412 West Chelten Avenue

Philadelphia, PA 19144 Kathrvn Giomi, Chair

Ferns from many lands and climates throughout the world may be grown successfully in Delaware Vallev homes. This display shows many good plant selections for home gardeners and offers visitors leaflets on their care and maintenance.

Gordon Eadie Associates

P.O. Box 982 Valley Forge. PA 19482 Bill Tamburro, Chair

Alice in Wonderland

This contemporary garden embraces the charm of vesteryear with a cultivated, sophisticated collection of plants. Although based on pure fantasy, the garden features realistic landscape techniques that blend in with the surroundings.

Fairmount Park Commission

Horticulture Center West Fairmount Park Philadelphia, PA 19131 John Allen, Chair

Victorian Spring

A romantic Victorian landscape is complemented by exquisite sculpture. The naturalized design

features a variety of large deciduous trees and understory plants that give unique texture and form to the display.

Florists Transworld Delivery

Franklin Flowers 2817 Kensington Avenue Philadelphia, PA 19134 William J. Franklin, Jr., Chair

A Floral Kaleidoscope

The wonderful old standbys as well as newer, unusual varieties of cut flowers are displayed. A large floral arrangement rotating above the exhibit demonstrates the explosion of color and variety of flowers now available to the public through their local florist.

Friends Hospital

Roosevelt Boulevard & Adams Avenue Philadelphia, PA 19124 Martha Straus/Ron Durham, Co-Chairs

Horticulture Therapy: A Sense of Wonder

Sensory integration is an important part of horticultural therapy. It is a valuable method used to bring a person back to reality through stimulation of the senses. This display invites all visitors to see, smell, touch and taste a variety of plants in a garden setting.

Gale Nurseries

1716 School House Road Gwynedd, PA 19436 Charles H. Gale, Chair

A Summer Festival of Color

A sweeping turn of the century ballroom sprawls before open, rose festooned French doors overlooking a terrace. The garden follows with a large floral parterre and sculpture of a sphinx. A luxurious mass of perennials includes early spring blooming

bulbs as well as plantings for fall color.

Garden Accents

947 Longview Road Gulph Mills, PA 19406 Elizabeth Schumacher, Chair

Garden Accents

A weekend morning in the corner of an old country garden. A bubbling fountain, colorfully planted urns, a melodic windchime and other clever accents provide a peaceful, kaleidoscopic ambiance for one to sit in and relinquish the pressures of the week day work world.

The Gooseberry Bush

304 Lionville Road Downingtown, PA 19335 Elaine Snyder, Chair

Gardeners' Retreat

A portion of this property has been enclosed for a work area and retreat by combining evergreens, shade and flowering trees and shrubs, creating many seasons of interest. The garden also includes space for indoor plants to summer out in filtered shade and enjoy gentle, cleansing showers. Flowers, nurtured from seed, display refreshing scents and color in a tranquil, informal setting.

Peter Hellberg Company

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Center and Atlantic Avenues
Sewell, NJ 08080
Greg Diebert, Chair
Bringing the Outside In
(In Living Color)

Elegant French doors unfold to reveal an atrium filled with massive floral arrangements, gently flowing waterfalls and a smashing array of plants—crotons, ferns, twisted fig trees. This display focuses on the



Gooseberry Bush Nursery Garden Center's "Birds, Bees and Balm" received the 1988 Alfred M. Campbell Memorial Trophy for an exhibit demonstrating the "most successful use of a variety of plants in a unique fashion," and received the 1988 Men's Garden Club of Delaware Valley Trophy for "most appropriately displaying the use of plants suited to the Delaware Valley area."

colorful beauty that abounds in nature and brings it to life indoors.

Highmeadow Gardens, Inc.

684 S. New Middletown Road Media, PA 19063 Wayne Norton, Chair

Inside Out

Inspired by the view through a kaleidoscope, this contemporary garden's theme is abundant color and fractured geometry. Departing from traditional approaches to garden design, we allow for a more complete integration of indoor and outdoor spaces by making the boundaries ambiguous. Enlivened by a riot of color, the playful shapes of the garden create a succession of intimate

outdoor spaces as hospitable and functional as those indoors.

Ikebana International

RR #2, Box 110 Sewell, NJ 08080 Lorraine Toji, Chair

Oriental Spectrum

Symbolism in design is an important factor in the creation of ikebana. The silver in this display was chosen to celebrate the 25th anniversary of the chartering of the Philadelphia Chapter of Ikebana International and the bright colors illustrate the importance of color. This exhibit shows a range of Japanese flower arrangements from traditional to modern.

continued

Major Exhibitors

continued

Daniel G. Kepich & Associates Box 152, 3425 Holicong Road Holicong, PA 18929 Daniel Kepich, Chair Beyond the Rainbow— A Pot of Gold

Riches are abundant at the end of this rainbow located on a secluded Bucks County property. A backdrop of native rhododendron contrasts with massed wildflowers on the garden floor. The quiet trickling of water lends itself to the beauty of nature. Splays of color and textures create a tranquil setting.

Land Design & Construction Company/Whitemarsh Nursery

17 East Stenton Avenue Plymouth Meeting, PA 19462 Duane McCarthy, Chair

Private Enchantment

The selective use of plants, garden structures and locale make this private garden an enchanting addition to any home. A gazebo and pool are set in a clearing at the edge of the woods. Interesting plants chosen for color and variety are carefully placed throughout the display adding texture and accent to the overall scene.

David Lautt Florist, Inc. 10783 Bustleton Avenue

Philadelphia, PA 19116 David Lautt, Chair

Shibui

Oriental floral designs have left their mark on Western civilization with a sophisticated, elegant, simple style. Love of line is the motivating force in oriental flower arranging—in the curve of a stem, the natural line of a leaf. This subtle awareness of beauty has allowed the designers of this display to stretch their imaginations when using flowers for everyday enjoyment and aesthetic pleasure.

LeRoy's Flowers & Gifts, Inc.

16 North York Road Hatboro, PA 19040 LeRoy LaBold, Chair

Reflections

A contemporary display featuring reflections of color and style in flower arrangements. As the visitor moves about the display, changes occur as in a kaleidoscope. The intent of this exhibit is to draw and hold the visitor's attention and show how visual impressions change.

Abraham Lincoln High School

Rowland & Ryan Avenues Philadelphia, PA 19136 David Kipphut, Chair

Arrange Your World with Color

Many people look upon flower arranging as a magical and mystical talent often difficult to acquire. This display proves that theory wrong with a wonderful array of arrangements created by students in Lincoln's Horticulture Program. The exhibit is a step-by-step approach to flower arranging that incorporates the basic elements of design, color and the use and care of cut flowers and foliage.

Mansmann Liskey Landscape Contractors

239 A Oaklyn Road Coatesville, PA 19320 Ken Liskey, Chair

Reflections upon a Friend

Brick garden walls are accented with lustrous plantings that seclude the Tea House and terrace from the troubles of the day. Water trickles down a brick trough and captures the soothing, hypnotic movement of a cool brook. A fragment of nature's peace can exist in your own backyard.

McNaughton's Nurseries, Inc.

351 Kresson Road Cherry Hill, NJ 08034 Harry Gamble, Chair

Peaceful Contemplation

A careful blend of plants and garden features creates a garden of quiet contemplation. Comfortable seating along with the rhythmic sounds of a fountain allow you a space to relax and enjoy. Flowering plants sprinkled throughout the garden offer whimsy and wonderful color to the delight of all who visit.

Meadowbrook Farm

P.O. Box 3007 1633 Washington Lane Meadowbrook, PA 19046 Daniel P. McKeon, Chair

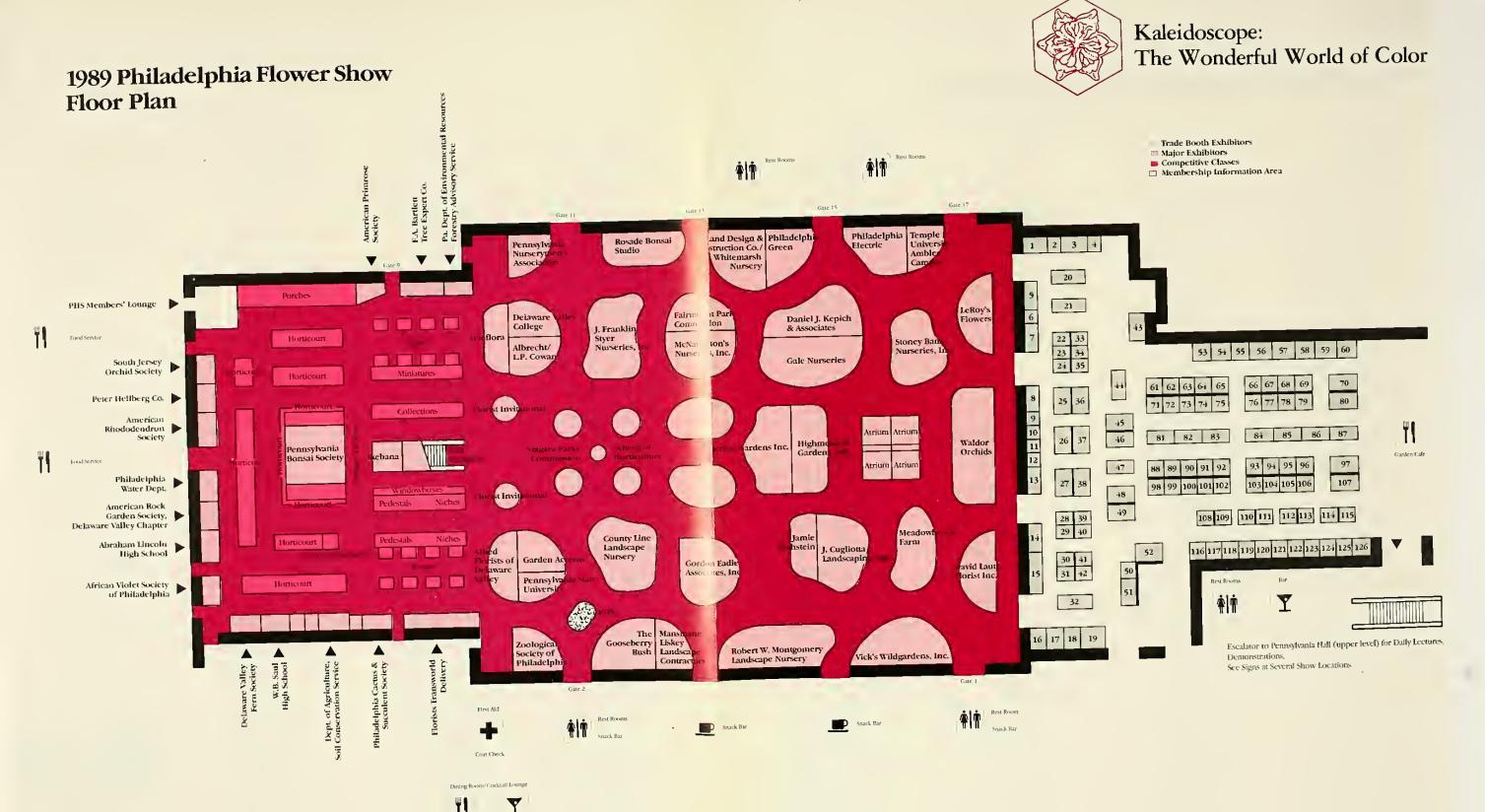
A Galaxy of Flowers in a Grecian Setting

An interior structure with masses of hanging "gardens" in kaleidoscopic colors is framed by a garden bursting with perennials, annuals and trees. This display illustrates the strong impact of combining hanging container grown plants with a colorful collection of perennials and annuals.



continued

Walter Chandoha





Trade Booth Exhibitors

No. Exhibitor

15 Brandywine Gardens

Richard M. Lenat

1027 Lenape Road

Cactus & Succulents

Warminster, PA 18974

Seed Packets, General

39 Caprilands Herb Farm

Coventry, CT 06238

Herbal Products

Gardening Merchandise

120 Jonathan Burpee

40 C. B. Geer

Silver Street

300 Park Avenue

West Chester, PA 19382

119 W. Atlee Burpee Company

Booth No. Exhibitor

107 A & A Bazaar G. Annor Ackah 575 General Knox Road King of Prussia, PA 19406 Baskets

46 A. B. G. Company
William Don Navratil
P.O. Box 227
Brightwaters, NY 11718
Poned Plants/Hanging Baskets

Amdega Victorian
 Conservatory/Glass
 Enclosures Unlimited

Robert J. LaRouche 228 Poplar Avenue Wayne, PA 19087

Franklin J. Niedz

1609 McKean Road

Hydroponics and Indoor

Solid Wood Custom Sheds.

Richard Courtenay Cittrell

Hawaiian Plants, Potpourn

San Diego, CA 92103

112 Bittersweet Herb Farm

777 East Main Street

Branford, CT 06405

1728 Pheasant Lane

Cactus & Plants

Robert Rosenberg

117 Anne and John Haines

12 Pine Hill Road

Gardening Books

Englishtown, NJ 07726

1862 Newbridge Road

Nonh Bellmore, NY 11710

Bonsai & Related Products

Nomistown, PA 19403

Herbal Dips, Potpourn,

Vinegars, & Dried Flowers

Cut Flowers, Hanging Baskets,

113 David W. Wallace

26 The Blue Tree

118 Bonsai Designs

116 Book Tree

37 James A. Losty

405 W. Washington St., Ste 89

Lighting Supplies

61 White Horse Pike

Barns, Garages

47 Big Island Plant Co.

127 Barn Door

128 Lorraine S. Evans

Atco, NJ 08009

Ambler, PA 19002

Greenhouse/Conservatory 33 Chamomile Shop, Inc.
28 American Standard Co. 34 Barbara E. Dorey

Nathaniel Florian P.O. Box 619
P.O. Box 325
Plantsville, CT 06479
Ratchet Cut Pruning Tools
and Garden Items
108
Conf. Conf. Conf. Conf. Loc.

and Garden Items 108 Cord Crafts, Inc.
69 Anything Grows 109 Peter Poz.
Greenhouse 520 Att. Pleasers IV.

109 Peter Poz
530 Mt. Pleasant, Box 8000
Dover, NJ 07801
Silk Foliage, Trees, Baskets,
Macrame Hangers

Bonsai, Orchids, House Plants
97 Applied Hydroponics
of Philadelphia, Inc.
Bryan Anderson
208 Route 13
Bristol, PA 19007

Bonsai, Orchids, House Plants
98 Cottage Crafts Inc.
99 Joan B. Rutz
289 Lancaster Pike
Frazer, PA 19355
Dried Flower Bouquets &

126 Country Herbs
Jeanne Krueger
Park Avenue
Convent, NJ 07961
Herbal Blends for Creative

Seasoning, Wreaths

61 Curbing Concepts Corp.
Chris Zuppo
5 Hagerty Blvd., Unit #2
West Chester, PA 19382
Concrete Landscaping Borders

14 Dalton Pavilions Inc. James E. Dalton 7260 Oakley Street Philadelphia, PA 19111 Gazeloss

44 Decor Shoppe Lee Varga 4532 Maize Road Columbus, OH 43224 Flowers, Decorations, Gifts

41 Peter deJager Bulb Co.
Peter deJager
188 Asbury Street
PO Box 2010
So. Hamilton, MA 01982
Flower Bulbs

25 Desert Dan's Cactus Edward Wright 1012 West Summer Ave. Minotola, NJ 08341 Assoned Cactus & Specimens Booth No. Exhibitor

24 Devine Orchids Kristine M. Cox 2130 Middle Road Glenshaw, PA 15116 Orchids

71 Dries Building Supply Co.72 Dale Dries

3580 Brookside Road, Box 7 Macungie, PA 18062 Sunrooms

88 Encyclopaedia Britannica USA Ann Gordon 310 South Michigan Avenue Chicago, 1L 60604 Encyclopaedia Britannica, Great Books of the

7 Fischer Greenhouses C. W. Fischer, Jr. Oak Avenue Linwood, NJ 08221 African Violets, Azaleas, Gesneriads

Western World

56 Flower Hut Murray Dickman 27 Highland Avenue Lansdale, PA 19446 Cut Flowers & Related Items

74 Flowers by Dotti 75 Dennis Rzaca 412 MacDade Blvd. Milmont Park, PA 19033 Fresh Cut Flowers

60 Folio Art Glass Raymond Folio 32 Holland Lane Colts Neck, NJ 07722 Stained & Leaded Panels, Lamps, Planiers

49 William Frederick II Inc. Robert Knox 932 Bethlehem Pike Montgomeryville, PA 18936 Pauo Furniture, Baskets

111 Frontier Fruit & Nut Co, Raymond Karee 482 Somerset Road Akron, OH 44313 Dried Fruits & Nuts

11 The "G" Boys Garden & 12 Christmas Center

13 Ralph A. Gaudio Route 70 & Gropwell Road Markton, NJ 08053 Houseplants, Plant Foods, Books & Ribbon

63 Globe Enterprises
Gloria Hess
961 Stafford Drive
Toms River, NJ 08753
Mons

16 Gosnell's Greenhouses 17 Jennifer Nadzadi RD 1, Box 495 D Blaisville, PA 15717 Flowering & Foliage Plants Booth No. Exhibitor

30 Richard Graber
31 7412 Bingham Street
Philadelphia, PA 19111
Pussywillows, Film

87 Gravely International, Inc. G. R. Carey RD 2, Box 184C Selinsgrove, PA 17870 Gravely Tractors & Attachments

95 H&S Sales Harold E. Shatz 7514 Sherwood Road Philadelphia, PA 19151 Jewelry, Magnets, Toys

21 Haarlem Bulb Co., Inc. Adolphe Amand 3271 Baseline Road Grand Island, NY 14072 Spring Flower Bulbs & Plants

96 Hagley Museum Store Marcy Weisz Box 3630 Wilmington, DE 19807 Botanical Gift Items

22 Happy Glass
Sara M. Quinby
2865 Walnut Hill Street
Philadelphia, PA 19152
Leaded Stained Glass
Suncarchers

Hobensack & Keller, Inc.
 Laurence D. Keller
 P.O. Box 96, Bridge St.
 New Hope, PA 18938
 Antique & Reproduction
 Garden Appointments

124 E. P. Henry Corporation Shafer Henry PO Box 615 Woodbury, NJ 08096 Interlocking Paving Stones

106 International Housewares Frank Polo 1790 South Treasure Drive Nonh Bay Village, FL 33141 Floristree Flower Arranger

105 Island Designs Judi Lim 25 Clefistone Road Bar Harbor, ME 04609 Embossed Paper

5 J. A. Nearing Co., Inc. (JANCO) J. S. Grasso 9390 Davis Ave. Laurel, MD 20707 Janco Greenhouses & Glass Structures

Clay Kingsley
4638 Greene Place, NW
Washingson, DC 20057
Teak garden furniture
& planters

Booth No. Exhibitor

114 Kirkwood's Flowers 115 Dean Kirkwood 2188 Beverly Lane Clearwater, FL 34623

Fresh Cut & Dried Flowers

42 Klima-Gro USA
Tom Davidson
PO Box 5, 300 Brighton Ave.
Buffalo, MN 55313
Klima-Gro

1B Charles F. Kremp 3rd 19 Florisi Charles Kremp

Charles Kremp PO Box 457 Willow Grove, PA 19090 Fresh Flowers

125 Lazy Hill Farm Designs
Betty Baker
Lazy Hill Road
Colewain, NC 27924
Bird Houses and Garden
Accessories

64 Orol Ledden & Sons 65 Donald Ledden

5 Donald Ledden PO Box 7 Sewell, NJ 08080 Seeds & Bulbs

53 LeRoy's Flowers & Gifts, Inc, LeRoy R. LaBold 16 Nonh York Road Haiboro, PA 19040 Plants, Balfoons, Floral Merchandise

110 Martin's Aquarium Joel Martin 101 Old York Road Jenkintown, PA 19046 Plants, Fish, Chameleons

62 Martin's Aquarium of NJ, Inc. Paul Weintraub 1610 North Kings Highway Cherry Hill, NJ 0803-i Plants, Fish, Birds

36 McTaggarts
Robert B. McTaggart
909 Longmeadow Street
Longmeadow, MA 01106
Flower Arranging & Bonsai
Supplies

68 The Meadowlark Ellen Spector Plant RD 1 Box 1568 Orwigsburg, PA 17961 Oried Flowers, Containers, Books

102 Mini Handcrafts Boutique Vincent Alves 69th Sr. Terminal, Box 2097 Upper Darby, PA 19082 Crafts & Gifs from Around the World

79 Miracon/Nature's Miracle80 Edward S.J. Walsh

 Edward S.J. Walsh
 PO Box 3360
 Westpon, CT 06886
 Nature's Miracle, Planteen, Plant Essence No. Exhibitor

8 Mostardi's Nursery Stephen Mostardi 4033 West Chester Pike Newtown Square, PA 19073 Flowering Plants

86 Ohio Dairyland Cheese Co. Raymond Karee 482 Somerset Road Akron, OH 44313 Assored Cheeses & Smoked Mears

103 Orchard View Greenhouses

104 John Eisenmenger RD 2, Box 99 Newton, NJ 07860 Plants

32 Oriental House
Vincent Lu
176-21 80th Road
Jamaica, NY 11432
Bonsai Accessories, Miniatures,
Flower Arrangements, Gifts

35 Passiflora
Denise E. Blume
Rt. 1, Box 190-A
Germanton, NC 27019
Wildflower Plants & Seeds

100 Patio Enclosures Inc. Thomas Edger 1670 Winchester Road Bensalem, PA 19020 Patio Enloosures

50 Pella Window & Door Co. 51 Sharon S. Brown

PO Box 9004 Valley Forge, PA 19485-9004 Windows, Doors, Sunrooms 76 Petals

Andrea Healy
RR 3 Box 156 AA
Mays Landing, NJ 08330
Pressed Flower Jewelry
Pottery Unlimited

Patricia & Jessica Everett 87 Grandview Avenue Trenton, NJ 08620 Hand-painted Ceramic Planters

29 Primex Centers, Inc. David Green 435 West Glenside Ave. Glenside, PA 19038 Books & Garden Accessories

101 Quaker Hill Flowers Shirley A. Dobbs 52 Pleasant St., RD 6 Vincentown, NJ 08088 Dried Flowers & Potpourn

52 R. H. Company Ronald Amand PO Box 43 Grand Island, NY 14072 Tropical Plants

121 Rainforest Orchids
Bill Smith
1408 Rt. 539
Barnegat, NJ 08005
Orchid Plants & Supplies

Booth No. Exhibitor

B5 Raritan Valley Garden Center Woody Lin 33 Walmit Street Edison, NJ 08817 Bunsai, Orchids & Houseplants

91 Rocky Hollow Herb Farm

92 Ann & James Kelly P.O. Box 591 Honesdale, PA 18431 Herbs, Spices & Perfume Oils

81 Rosehill Farm 82 Pauticia Berlen Gregg Neck Rond Galena, MD 21635 Miniature Roses & Rose Products

73 S&A Associates B3 Stan and Sue Alten

90 876 Phillips Road Warminster, PA 18974 Plants & Pottery

126 Song of the Bamboo Wind Clem & Jane Bowen RD 2, Box 34 Landenberg, PA 19350

Tuned Wind Chimes

4 Steeleworks
Michael Batten
P.O. Box 18889
Philadelphia, PA 19119
The art of watercolorist

Sara Steele

9 Works by Tom Steigerwald
Tom Steigerwald
5417 North Fairhill St.
Philadelphia, PA 19120

Prints & Cards

27 SunSpaces, Inc.
Sheridan T. Amold
Main & Walnut Streets
North Wales, PA 19454
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Garden Windows

89 Swiss Maid Fudge Co. Raymond J. Karee 482 Somerset Road Akron, OH 44313 Fudge & Assoned Candies

93 Timber Press, Inc. 94 Michael Alan Fox 9999 S.W. Wilshire Pordand, OR 97225 Horticultural Books

20 Finari Greenhouses Frank A. Tinari 2325 Valley Road Huntingdon Valley, PA 19006 African Violets

10 Toplary by Lucky Sasie Bruner Rt 2 Box 434 Danville, KY 40422 Plant Sculpturing

123 Trees Company Rob & Maureen Hagarty 2877 Lovell Ave. Broomall, PA 19008 Wire Sculpture Booth No. Exhibitor

70 Valley Forge Collections
Paul M. Greco
212 East Freedley St.
Norristown, PA 19401
Lawn Ornaments &
Cast Iron Products

45 Vegetable Factory, Inc. FA. Schwanz 71 Vanderbilt Ave. New York, NY 10169 Sunspace

55 Vick's Wildgardens, Inc. Donald M. Thomson Box 115 Gladwyne, PA 19035 Plants & Water Garden Products

7B Violet Rainbow Alice Bair 1515 Bachman's Valley Road Westminster, MD 21157 African Violets & Related Items

84 Waldor Orchids, Inc. Walter M. Off 10 E. Poplar Ave. Linwood, NJ 08221 Orchid Plants & Related Supplies

6 Wallingford Rose Garden Joseph Kassab 6 E. Brookhaven Road, Box Wallingford, PA 19086 Hollies & Plants

54 WCAU-AM Ann Brophy City Line & Monument Rd Philadelphia, PA 19131

122 Westminster Export Co., Inc. Jean de Ru 975 Chattahoochee Ave. Adanta, GA 30318 Zyliss Vise

38 Wildflowers by Cricket Cricket Luker 1266 Ridge Ave. Manahawken, NJ 08050 Handcrafted Tiles



Major Exhibitors

continued

Robert W. Montgomery Landscape Nursery

Box 67-C, Rt. 113 Chester Springs, PA 19425 Robert Montgomery, Chair Once Country...

This Chester County barn has been innovatively adapted into a suburban home for contemporary living. Enter through the paddock, now a colorful perennial garden. Relax on the cool, tranquil brick terrace to the soothing sounds of water falling into the garden pool. A wisteria laden arbor and surrounding stone walls provide privacy and seclusion. Soft colors and harmonized textures work together to enhance the stone barn and cultivated garden.

Special Exhibit **Niagara Parks Commission School of Horticulture**

(Entrance Display) P.O. Box 150

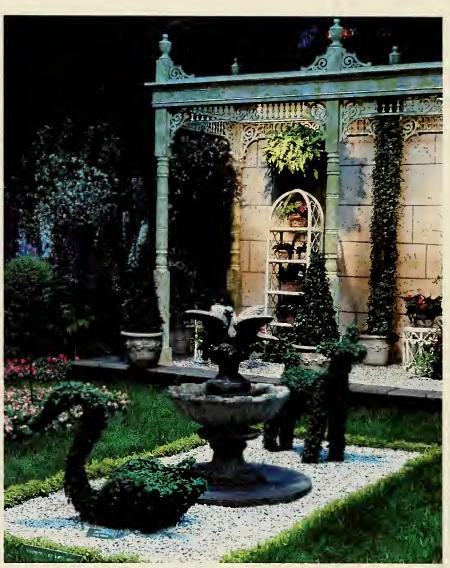
Niagara Falls Ontario, Canada L2E 6T2 Melvin Dell, Chair

Kaleidoscope: The Wonderful World of Color

A shower of shimmering images reflected on a gargantuan kaleidoscope greets visitors to the 1989 Philadelphia Flower Show. Steeply banked beds of flowers envelop the display casting a riot of colorful reflections. This display is produced by students at the Niagara Parks Commission School of Horticulture, one of the most respected horticultural institutions in North America.

The NPCSH exhibit is underwritten in part by

AT&T and the Government of



Meadowbrook Farm's 1988 exhibit, "A Victorian Garden of Enchantment," reflects the Victorian influence in architecture and horticultural design used in the late 19th century.

Ontario, Canada, Ministry of Agriculture and Food. Plants were provided by the following Canadian suppliers: Aldershot Greenhouses Limited, Burlington, Ontario Fernlea Flowers Limited, Delhi, Ontario Flora Pack Incorporated, St. Catherines, Ontario Henry Dekker Limited, Strathroy, Ontario

Lakeshore Produce Ltd., Jordan Station, Ontario Ontario Flower Growers' Cooperative, Mississauga, Ontario Ontario Wholesales Distributors Inc., Jordan Station, Ontario Westbrook Greenhouses Ltd., Grimsby, Ontario Yoder Canada, Leamington, Ontario

continued

Robert W. Montgomery Landscape Nursery's "Winding Down" received the 1988 Mayor's Trophy in the commercial Aesthetic category as well as the Philadelphia Flower Show Award for an "exhibit of distinction."

Pennsylvania Bonsai Society RD #1, Box 502

Honey Brook, PA 19344 Howard McNeal, Chair

Christopher Ransom

Bonsai, the art of cultivating trees and shrubs as miniature forms of their larger counterparts in the wild, is explored in this exquisitre display of specimens grown by members of the Pennsylvania Bonsai Society. The plants are organized in the Seki-Kazari manner, Japanese meaning "displayed in individual booths."

Pennsylvania Department of Environmental Resources Bureau of Forestry

Bureau of Forestry P.O. Box 1467 Third & Reily Streets

Harrisburg, PA 17120 Patrick M. Lantz, Chair

Kaleidoscope of the Forest

The wide range of activities and plantings in the forest are interpreted through this display. Camping, hiking, rafting and fishing are some of the many leisurely, educational activities available to visitors of Penns Woods along with a wondrous array of color and patterns in local plant life.

Pennsylvania Nurserymen's Association

Staged by

JC&C Landscape Contractors, Inc. 1138 University Drive Yardley, PA 19067 Joseph P. Cebulski and

Anthony E. Conte, Co-Chairs *Profiles in Nature*

This landscape design features the many colors, textures and

Major Exhibitors

continued

"profiles" provided by a variety of trees, shrubs and flowers throughout the seasons. Accentuating the seasons is a twig dogwood in winter, the gentle blossoms of spring blooming bulbs and a kaleidoscope of floral color in summer. A waterfall flows into three holding ponds adding a natural extension to the overall design.

Pennsylvania State University Cooperative Extension Service

4601 Market Street, 3rd Floor Philadelphia, PA 19139 Andrew McNitt, Chair

Native Color from Appalachia

An Appalachian mountain home and wildflower meadow are surrounded by native Appalachian plants. Along the perimeter of the display, new improved varieties of plants are shown. Information on plant selection and breeding is available.

Philadelphia Cactus & Succulent Society

1037 Edwin Drive Phoenixville, PA 19460 Newman C. Johnson, Chair

Spotlight on Cacti and Succulents

Although cacti and succulents are not thought to grow so well in the East, they can do remarkably well with proper care and planting. Shown in this display is a variety of cacti and succulents that do well in this region.



Philadelphia Electric Company

4040 Chestnut Street Philadelphia, PA 19104 Warren E. Baumgartner, Chair Shad Restoration Project

This display depicts the operation of the PECO fish trap system at Conowingo Hydro Plant located on Route 1, a couple of miles from the Maryland state line. For years, American shad have spawned in the upper Susquehanna River and because of their inability to traverse the dam at Conowingo, the number of American shad in the Chesapeake Bay has declined. To improve this situation, the fish trap system serves as an elevator to lift the shad from the lower river where they are then trucked to the upper river beyond the dam and placed in their ancestral spawning waters.

Philadelphia Green

The Community Outreach Program of The Pennsylvania Horticultural Society 325 Walnut Street Philadelphia, PA 19106 Anne Vallery, Chair

Shades of Philadelphia Green

Trees enhance our environment in many ways—both tangible and intangible—color, texture, shade from the sun, the sound of a breeze blowing through the leaves, the play of dappled light on the ground. This display focuses on street trees, gallantly making the city a better place to live. It acquaints the viewer with "street-wise" street trees, those varieties that thrive under less than ideal conditions. Walk along a street block lined with trees and window boxes, enjoy the color and shade they provide, and talk with experts about what

you can do to preserve and maintain these valuable resources.

Philadelphia Water Department

ARA Tower at Reading Center Philadelphia, PA 19107-2994 Robert F. Walker/ Maureen Sullivan, Co-Chairs

Keep Your Garden Colorful with Compost

For thousands of years, civilizations the world over have recycled natural organic waste material for use in fertilizing and conditioning agricultural soil. This display illustrates the most suitable uses of composted municipal sludge products for plant, turf and other gardening needs.

Rosade Bonsai Studio

303 Ely Road, RD #1 New Hope, PA 18939 F. Chase Rosade, Chair

Bonsai—Living Sculpture

A strolling garden captures the imagination and fascinates visitors as they view bonsai in the making.

Jamie Rothstein

313 Cherry Street Philadelphia, PA 19106 Jamie Rothstein, Chair

Flowers for the Seasons

The colors of the four seasons are each depicted in oversized floral arrangments. The pale pastels of spring, bright hues of hot summer days and warm tones of autumn are in contrast to the white on white arrangement depicting the winter season. Flowers and foliage combined with appropriate accessories will carry the viewer through a kaleidoscope of colorful combinations delighting the senses of sight and smell.

continued

Major Exhibitors

continued

W.B. Saul High School

7100 Henry Avenue Philadelphia, PA 19128 Scott Geller/Joe Weston, Co-Chairs Your Garden...in Living Color

The color wheel becomes a useful gardening tool when designing with color in mind. This display covers the spectrum of color with flowers and explores the world of monochromatic, analogous, complementary and polychromatic color schemes and how they play an important role in the beautification of the garden.

South Jersey Orchid Society

26 East Riding Drive Cherry Hill, NJ 08003 Michael Bowell and Donna Ellis, Co-Chairs

Orchidscope

Though orchids are admired for their varied forms. textures, sizes, and frequently, the dramatic presentation of their floral display, the characteristic that elicits the most response is their color. Orchids encompass the entire range of colors from pure white to nearly black. This exhibit demonstrates how staging, particularly lighting, can affect the perceived color sensation.

Stoney Bank Nurseries, Inc. 61 Stoney Bank Road Glen Mills, PA 19342

John Blandy, Chair

View Heaven and Earth

This knoll provides the site to view the heavens and enjoy the natural beauty on earth. Rhododendrons, azaleas and native flowering trees set against a relief of tall conifers leads your eyes



The Pennsylvania Horticultural Society's Philadelphia Green's "Community Gardening: A Patchwork of Roots" received the American Horticultural Society Citation for an exhibit of Horticultural excellence which "best demonstrates the bond between horticulture and the environment and inspires the viewer to beautify home and community," and The Garden Club Federation of Pennsylvania's Special Achievement Award for an exhibit of "unusual excellence" in Conservation.

upward. Enjoy along the way, the bounty of color, form and texture.

J. Franklin Styer Nurseries, Inc.

P.O. Box 98, Route #1 Concordville, PA 19331 Paul W. Tickle/Michael W. Petrie, Co-Chairs

The Great Moss Urn

A carpet of green leads to a cool sheltered pool. A moss-covered fountain spouts rain, and waves of color and texture combine with classical shapes to complete the design. This garden goes beyond the norm with an integrated, inspired balance of informal and formal, of exuberance and serenity.

Teleflora Edgement

Edgemont Flower Show 934 Providence Road Media, PA 19063 Bernadette Dougherty, Chair *Color Defined.*

Presenting the primaries—red, blue, yellow. A dazzling display on a silver white stage. SPECTRUM explores the possibilities from the haunting delicacy of a golden daffodil to the passion and intensity of a red rose. The intricacy of design and arrangement combine with the simplicity of pure natural color to produce a snapshot of all things bright and beautiful.

Temple University— Ambler Campus

Department of Horticulture & Landscape Design Meetinghouse Road Ambler, PA 19002 Glenn Geer, Chair

Nature, Color and Design

This display demonstrates the use of color and nature as inspiration in the art and design fields. The work of such accomplished designers as Frank Lloyd Wright, Roberto Burle Marx and Jens Jensen shows the importance of color in design. Some effective techniques of using color are illustrated in a naturalized landscape.

U.S. Dept. of Agriculture Soil Conservation Service

160 E. 7th Street Chester, PA 19013 David G. Lorenz, Chair

Conservation Plants for Your Yard

Conservation plants reduce the amount of fertilizer, pesticides, water and mowing needed for maintenance, and provide an aesthetically pleasing appearance and protection from soil erosion. In this display, steep areas, where erosion is most prevalent, are planted with groundcovers such as crownvetch and flat pea. Low areas are planted with various grasses and ferns. All of these plants do well in the Delaware Valley and are readily available.

Vick's Wildgardens, Inc.

P.O. Box 115 Gladwyne, PA 19035 Walter Sibley, Chair

Watercolors

Wildflowers pop up gently through a crop of lush ferns and other indigenous plants as a weathered boathouse rises in the background. Fascinating rock formations jut out in front as a waterfall spills into a pond. This display exemplifies woodland beauty.

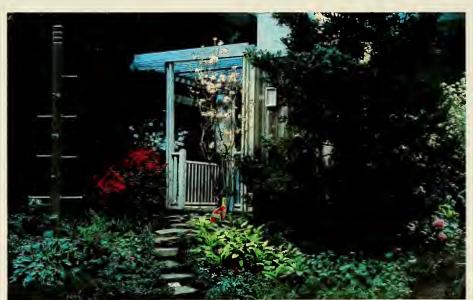
Waldor Orchids

10 East Poplar Avenue Linwood, NJ 08221 Walter Off, Chair

The Colorful World of Orchids

Orchids come in just about every imaginable size and color. This tropical setting reveals the tremendous variation against a backdrop of overhanging cliffs and cascading waterfalls. A massive orchid-laden tree further demonstrates the epiphytical nature of the orchid and other companion plants. Represented by more than 30,000 known species, the orchid family is the largest in the plant kingdom and enjoys world-wide recognition for its color and beauty.





Stoney Bank Nurseries, Inc.'s "Nature's Exercise" received the 1988 Philadelphia Flower Show Award for an exhibit of distinction in the Aesthetic commercial category.

Walter Chandoha



Waldor Orchids' Central Feature received the 1988 American Orchid Society Show Trophy for the "most meritorious orchid exhibit of twenty-five square feet or more."

Waterloo Gardens, Inc.— Central Feature Exhibit

200 North Whitford Road Exton, PA 19341 Dave Gaffney/Tom Tomlinson, Co-Chairs

Color through the Seasons

You can achieve color in your home landscape throughout the year as varied as the seasons. Here is a garden setting for each season that shows how proper planning and planting can add yearlong beauty to your surroundings. A special exhibit feature is a walk-through "house" that gives visitors an inside looking out perspective of each garden.

Zoological Society of Philadelphia

34th St. & Girard Avenue Philadelphia, PA 19104 William V. Donaldson, Chair

Metamorphosis:

From Reality to Fantasy

The natural phenomenon of metamorphosis as depicted through the caterpillar and butterfly, provides the inspiration for this display. Just as the green chrysalis gives way to the orange and black monarch butterfly, this exhibit shows green temperate plants leading over a bridge to an explosion of colorful tropical plants. ��





Florists' Invitational

Sponsored by the Authorized Mercedes-Benz Dealers of Delaware Valley

Last year's first-time Florists' Invitational exhibits are back by popular demand. These beautiful exhibits are changed daily throughout the Show except on Sunday; all are here by invitation only. In scouting florists, we wanted to find the best and to set before the public the infinite creative possibilities of designing flower arrangements. Each exhibit will be judged and the "Best of Week" will be named on Saturday, March 11.

Sally Graham and Sandy Manthorpe Co-Chairs, Florists' Invitational

George Baker Flowers

George Baker 1607 Latimer Street Philadelphia, PA 19103 (215) 545-8448

Bloomies

Jim Spector 1200 Spruce Street Philadelphia, PA 19107 (215) 732-3262

George Carson Boyd's Flowers

Linda Kellogg 2013 Pennsylvania Avenue Wilmington, DE 19806 (302) 421-2900

C & J Florist

Carol and Jim Chojnacki P.O. Box 57 Route 73 Berlin, NJ 08009 (609) 767-5762

Exotic Blossoms

Lee-John Sobering P.O. Box 2436 Philadelphia, PA 19147 (215) 271-2440

Fischer Flowers & Gardens

Joseph Neidinger, Jr. 1622 Pacific Avenue Atlantic City, NJ 08401 (609) 345-8566

The Flower Man

Michael A. Weiner 257 South 20th Street Philadelphia, PA 19103 (215) 546-4041

Flowers &

John Rizzo 385 Lancaster Avenue Haverford Square Haverford, PA 19041 (215) 896-9225

Flowers by Creative Design

Everett G. Menkens 387 Herbertsville Road Brick Town, NJ 08724 (201) 367-2104

Flowers by Edward George

Edward George 2813 Philmont Avenue Huntingdon Valley, PA 19006 (215) 927-7676

Fox's Jenkintown Flower Shop

Peter Cooney 419 Cedar Street Jenkintown, PA 19046 (215) 884-1106

Halladay Florist

Bill Russo, Jr. 29 S. Church Street West Chester, PA 19382 (215) 696-5200



Lansdale Florist

Karen Ambrose 1861 W. Main Street Lansdale, PA 19446 (215) 855-3665

Quite Contrary

Jerry Brigham Dave Ackerman 31 Paoli Plaza Paoli, PA 19301 (215) 644-4477

Starke the Florist

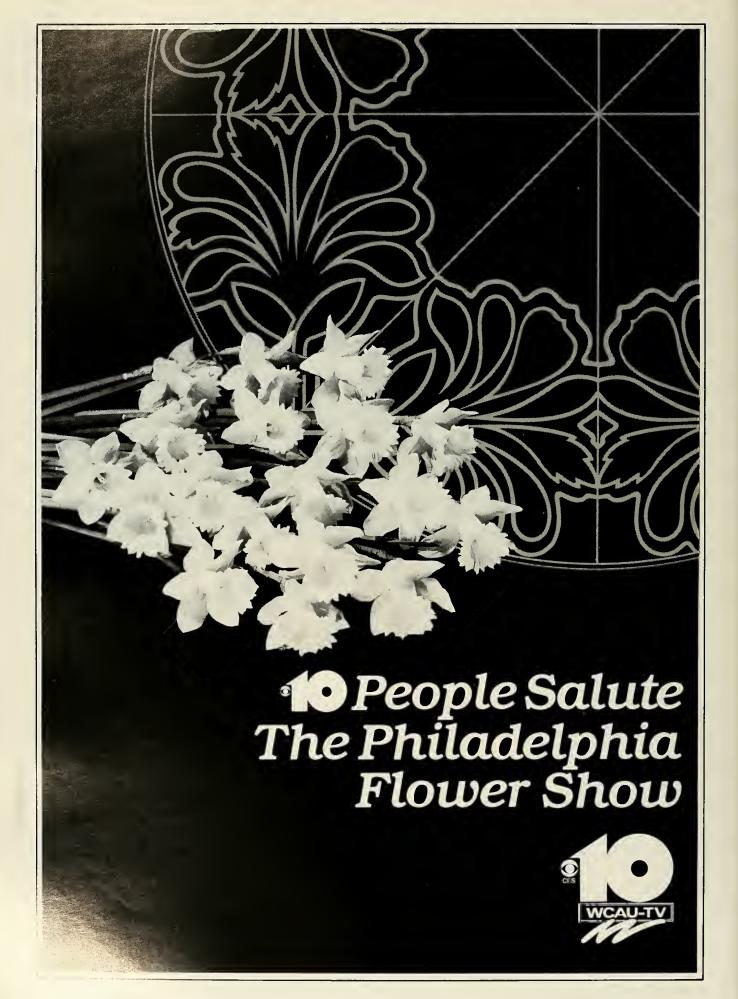
Warren Gaskill Third and Mill Streets P.O. Box 127 Moorestown, NJ 08057 (609) 234-2929

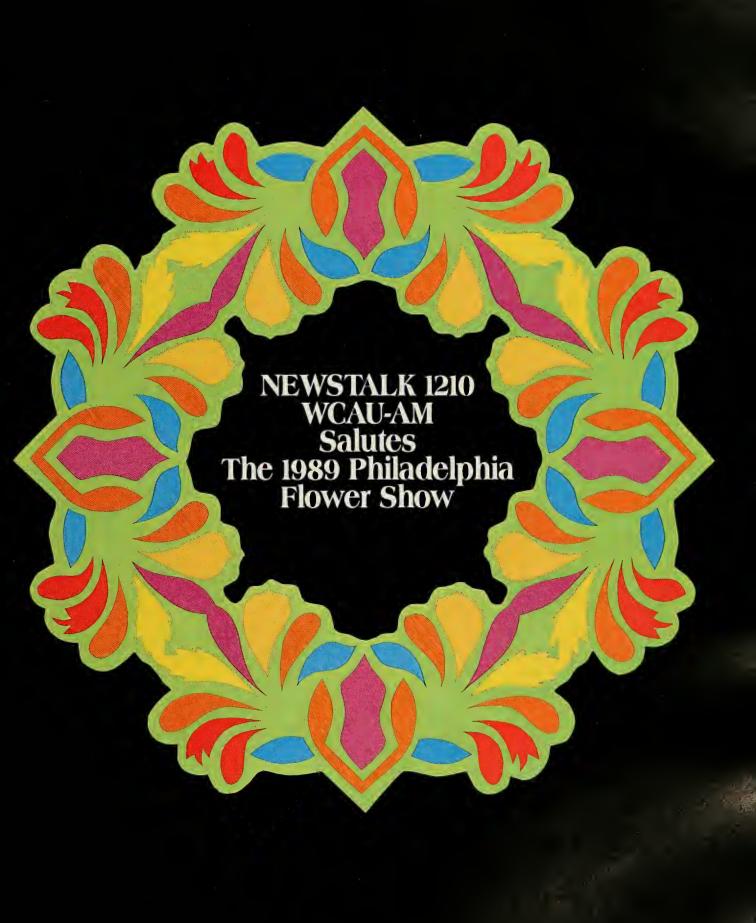
Valentine Flower Shop

Joseph Nulty 250 Haverford Avenue Narberth, PA 19072 (215) 664-2508 �



Walter Chandoha







The Pennsylvania Horticultural Society's 18th Century Garden at 325 Walnut Street.



The Pennsylvania Horticultural Society Grows Year-Round

PHS Produces... The Philadelphia Flower Show

The Harvest Show

(Members receive free tickets to these shows)

Green Scene, a beautiful full-color bimonthly magazine written by

gardeners about gardening, free to members. (Individual subscriptions may be ordered @ \$8.50.)

PHS News, a monthly newsletter about happenings at the Society, free

to members.

PHS Plans... Activities for 7,500 members: about 90 trips, workshops, lectures,

garden tours, symposiums, clinics each year. For example, trips range all the way from Center City Philadelphia to Germany, Holland or Africa; workshops from flower arranging for first-timers to symposiums for flower show exhibitors; seminars on horticultural photography, panels on vegetable gardening or workshops for pruning woody plants.

PHS Maintains... One of the largest horticultural libraries in the area—housing almost

14,000 gardening books. The Library now includes a videotape section on gardening subjects. (Members benefit from mail order library

service.)

The 18th Century Garden—a delightful oasis in Independence

National Historical Park.

Horticultural Hotline: Call Monday through Friday, January through

November, 9:30-Noon with your gardening questions.

PHS Sponsors... Philadelphia Green, the country's largest community greening

program. Garden coordinators work with thousands of gardeners on 1,300 gardening projects: community vegetable and flower gardens, green blocks, window boxes, school programs, Center City and

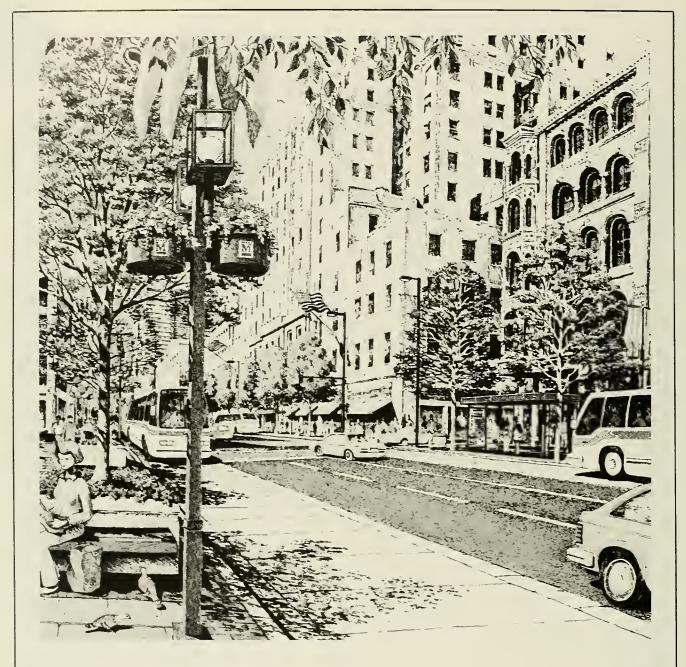
gateway greening; a city gardens contest.

The Philadelphia Flower Show revenues fund Philadelphia Green projects.

We invite you to join **The Pennsylvania Horticultural Society.** For more information call Linda Davis at (215) 625-8265 or 8250, or stop by the Membership/Information Booth at the Show. Join now and meet staff at our New Members' reception at the PHS headquarters and garden in June.

Pennsylvania Horticultural Society 325 Walnut Street Philadelphia, PA 19106-2777 Phone (215) 625-8250

The Pennsylvania Horticultural Society was founded in 1827.



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Robertson's Victorian Glass Conservatory by Machin Designs (USA) Inc.

Not your garden variety flower shop.

Visit our floral gift shop and Victorian Glass Conservatory and discover why Robertson of Chestnut Hill is one of America's premier florists. All your needs will be attended to by knowledgeable individuals, who provide service with style:

- Garden sculpture, animal statuary, ornamental furniture and fountains in cast iron, bronze and stone
- Full service planning for weddings, parties and funerals
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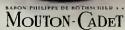


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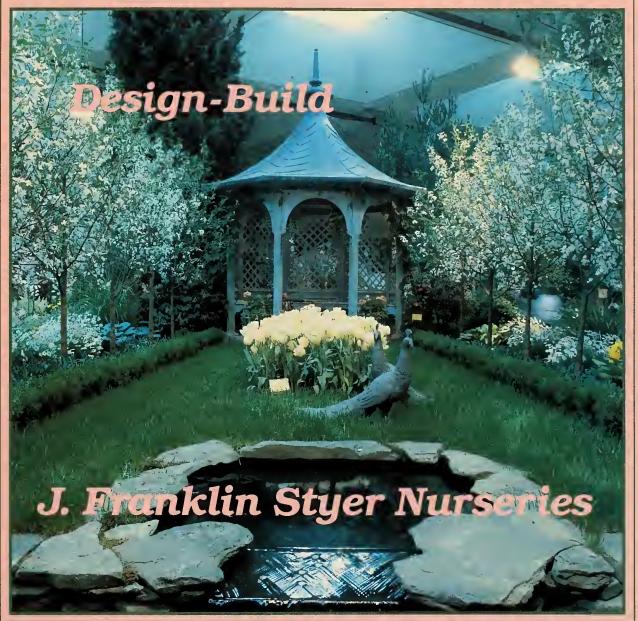
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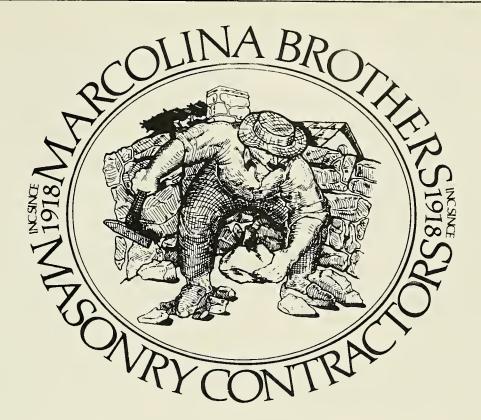


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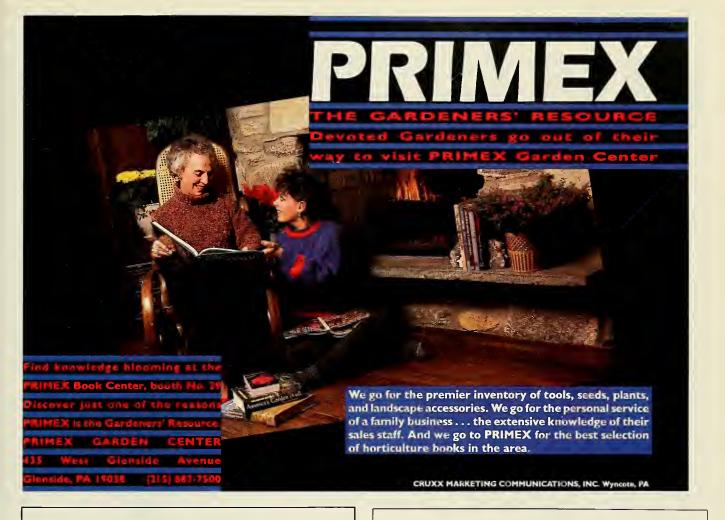
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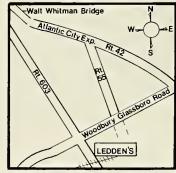
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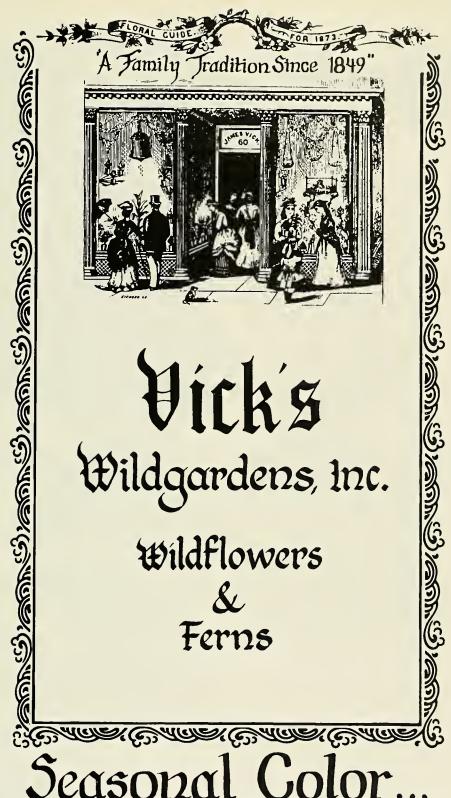
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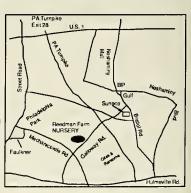
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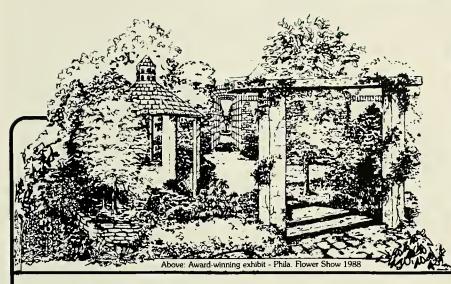


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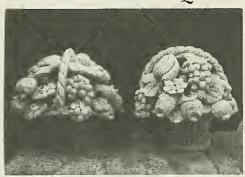
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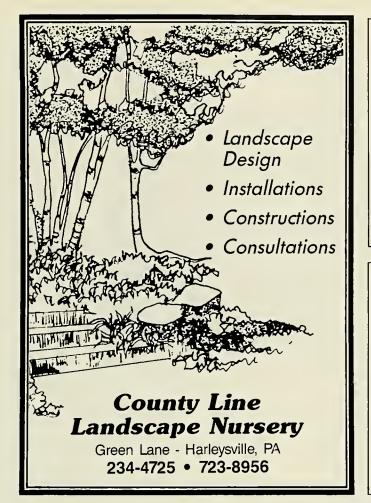


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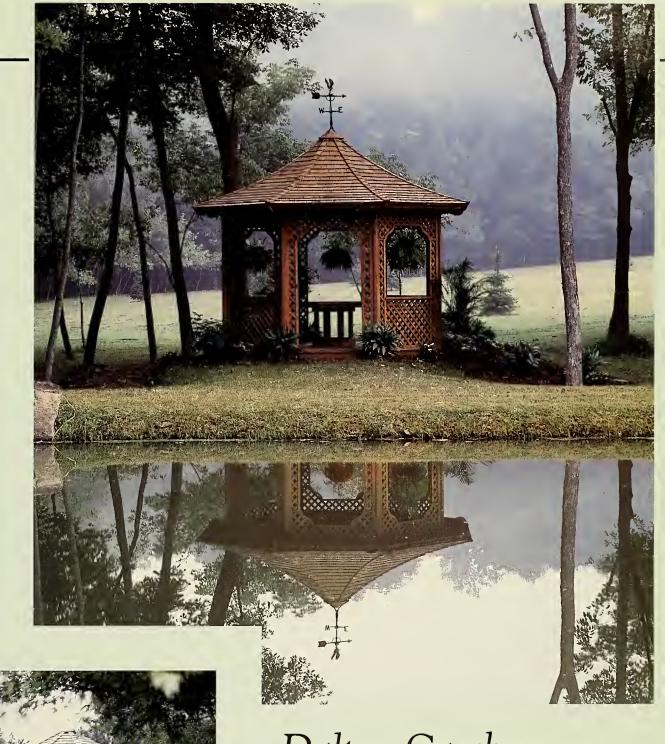
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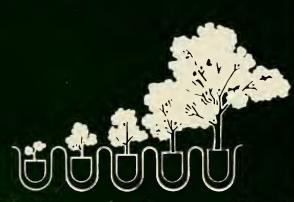
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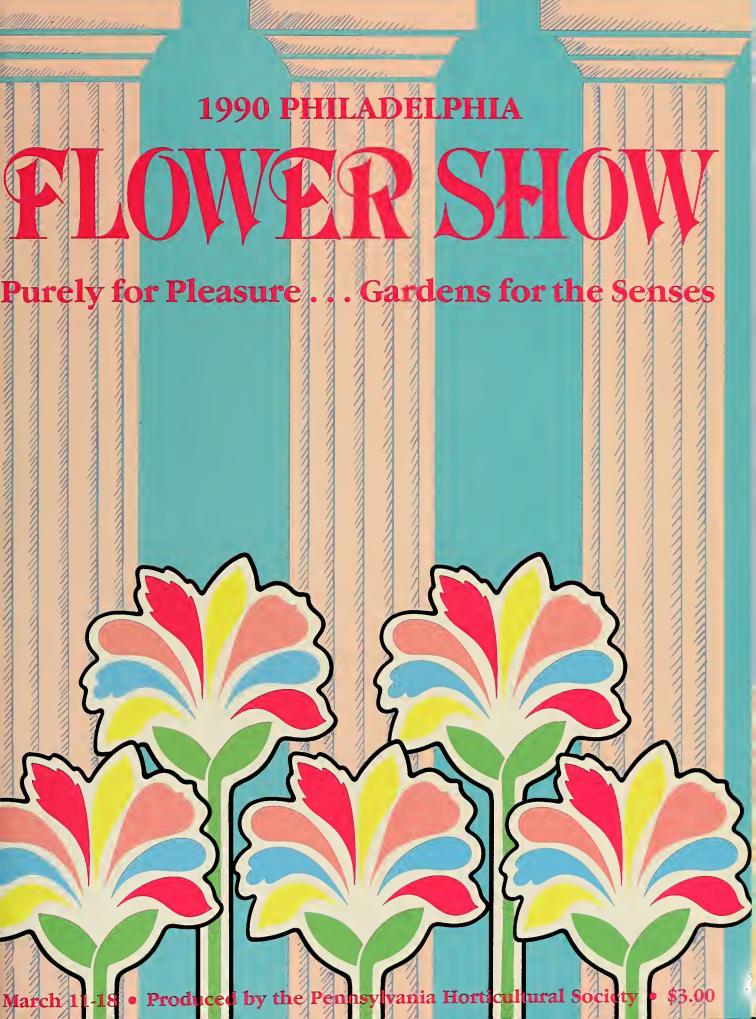
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Purely for Pleasure is our theme, so do take note as you travel through the Show of just what our exhibitors consider pleasurable. In the major exhibits you will find glorious, sweet-smelling roses, delphiniums, rhododendrons and other spring flowers as well as flowering shrubs and trees that nurseries have been

cozening and forcing for many months.

In the Competitive Class section you will find creative interpretations of selected themes by individuals and garden clubs in the niches, pedestals, rooms, tables and other classes. Some of these change daily and others once or more during the week. The horticultural classes, which change three times during the Show's run, represent enthusiasts ranging from the high school Shipley Sprouts to esoteric experts exhibiting delicate mountain flowers growing in this area against all odds, rare clivias and hundreds of unusual plants. Get out your pencil and paper so you can jot down notes to help you produce a few entries for next year's Show.

Our Flower Show also brings joy to the people of Philadelphia as we expand the greening of our city. Through the Philadelphia Green program, Greene Countrie Townes have been established and hundreds of community gardens delight the residents of our city. Center City Green has stretched its Ribbon of Gold from Washington Square to the Fairmount area, from 28th & Glenwood to

the airport's gateway at 26th & Penrose Avenue.

Thank you, dear friends, for your support of this extravaganza. You are vitally important to our success. We welcome many of you back year after year, and we welcome warmly our first-time visitors. We hope you'll return and bring your friends who are not acquainted with the Show to join our ever-expanding Flower Show family's feast for the senses.

Jane Ward, Chair 1990 Philadelphia Flower Show

Executive Committee

Jane Hard



THE 1990 PHILADELPHIA FLOWER SHOW PROGRAM

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"Flowers for the Seasons" by Jamie Rothstein combined flowers, foliage and accessories in four oversized floral arrangements. Summer is shown here. (1989).

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Purely For Pleasure: The Love of Roses

by Judith C. McKeon

All of the rose cultivars displayed in the exhibit are hardy in the Delaware Valley and can be grown with success in the home garden.

The central feature of the 1990 Philadelphia Flower Show. "Purely For Pleasure," delights the senses with an opulent garden scene crafted by Gale Nurseries. Architectural enclosures, water features, classical garden ornaments, and lavish plantings of roses and herbaceous flowers recall the pleasure gardens of another age. Enclosed with an Italianate balustrade, the grand display features two formal gardens: an elegant rose garden laid out in long beds adjacent to a central rectangular pool, and opening off this main axis, a garden of herbaceous borders enclosed within a circular evergreen hedge. Beckoning garden gates invite us to stroll through romantic pleasure

gardens reminiscent of an Edwardian country estate on a golden afternoon.

Gale Nurseries, a Gwynedd, Pa. landscape design firm, has been exhibiting at the Philadelphia Flower Show for 19 years. In constructing the 1990 central feature the father-and-son team of Charlie and Chuck Gale, tapped a wealth of experience to stage their most ambitious exhibit to date. The splendid 7,800-squarefoot exhibit showcases sumptuous roses forced by Gale. The main garden room is a rose lover's paradise featuring standard, shrub, ground cover. and miniature roses massed in long beds interrupted by elegant pergolas furnished with climbing roses. This is a garden of special coloring, in

which all of the blooms are in shades of pink — blush, rose. coral — contrasted with pure whites. Gale's design style favors bold sweeps of one or two colors to achieve a simple, unified effect.

Nine hundred Star® Roses. donated by The Conard-Pyle Company of West Grove, have been forced into glorious, scented bloom by Gale. Rose cultivars displayed in the exhibit include several Gale favorites as well as a few newcomers. The fragrant hybrid tea roses that grace the entrance are 'Honor,' an excellent white and 'Princesse de Monaco' with creamy blooms edged in pink. Large flowered climbing roses, 'White Dawn,' and 'Rhonda' cover pergolas woven with blooms of pure white and carmine-rose. Mounding drifts of the excellent Meidiland™ shrub 'Bonica,' fill the long rose beds with masses of shell-pink flowers.

Introduced by The Conard-Pyle Company in 1987, the carefree 'Bonica' is the first shrub rose ever to capture the prestigious All-America Rose Selections (AARS) award. The annual award honors new rose cultivars judged to be outstanding performers in U.S. trials. Several other roses in the exhibit also merited the AARS award. The hybrid tea, 'Honor,' previously mentioned and a coralpink floribunda, 'Cherish,' used as a standard in the exhibit, shared the AARS laurels in 1980. In keeping with the theme of the show, Gale is previewing 'Pleasure.' The promising 1990 AARS winner is a compact floribunda with flowers of deep coral.



Gale Nurseries' "A Summer Festival of Color" received the 1989 Pennsylvania Horticultural Society Award of Merit for an outstanding Aesthetic (commercial) exhibit.



Charlie Gale checks summer crop of roses, including 'Bonica,' at Gale Nurseries, Gwynedd, Pa.

Miniatures complete the rose garden display. 'Lady Sunblaze,' a pink blend, and the pure white 'Mini Wonder' are used as edging plants. The use of miniature roses as edging adds a new dimension to the Gale repertoire of show roses. Gale's choice selections, including many outstanding award winners, beautifully illustrate uses of roses in the landscape. All of the rose cultivars displayed in the exhibit are hardy in the Delaware Valley and can be grown with success in the home garden.

Forcing the Roses

Master forcers of roses, Gale Nurseries enjoys a reputation as an innovative horticultural leader. Seasoned exhibitors, Charlie and Chuck Gale also enjoy new challenges. The sheer size of the 1990 exhibit demanded creative solutions from the enthusiastic team. "We rebuilt an entire greenhouse," comments Charlie Gale, "to force the roses for the 1990 show." The new greenhouse supplied an additional 3,000 square feet of needed growing space.

Typically, Gale grows twice as many perennials and more roses than are required for the exhibit. This allows them to choose only the best plants for the Show. Their largest exhibit, "Purely For Pleasure," includes 4,000 square feet of roses and herbaceous plants. In addition Gale forced the roses displayed in the joint exhibit of the Garden Club of Monaco and the Garden Club of Philadelphia. With two greenhouses for herbaceous plants and one for roses, their space for Flower Show forcing totaled 10,000 square feet. In undertaking the construction of "Purely For Pleasure," they needed every inch.

To prepare for winter forcing, bareroot roses are potted into 3-gallon containers in April, a year before the Show, and grown on for one season. In November the roses are refrigerated at 38°F. and cooled for four to six weeks. The bushes are then transferred to the greenhouse to be pushed into active growth. From late December to mid-January, roses are pulled from the cooler. Hybrid tea roses require the longest

forcing period; this is the first group to arrive in the greenhouse. Miniatures are the last group to be pulled from refrigeration. They require the shortest forcing period. Once in the growing house, the roses are pruned and fertilized; then active growth begins.

Forcing winter rose blooms in the northeastern U.S. is a tricky endeavor requiring expert scheduling, perfect growing conditions and the courage to experiment. "What we're fighting," explains Chuck Gale, "is the lack of sunlight in January and February. So we use sodium vapor lights to supplement daylight, giving the plants a 16-hour day." In addition to supplemental lighting, the greenhouse is fitted with other specialized equipment to create a controlled environment. which simulates the garden in spring.

Bio-thermal heating tubes filled with hot water are positioned along

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the benches and provide bottom heat for the containerized rose plants. As the soil in the pots warms, root growth begins and the bushes soon leaf out. Although the night air temperature in the greenhouse may drop to 45° F., the soil temperature can be maintained at a constant 62° F., supporting continued growth of the plants. The use of bottom heat in forcing tends to produce stocky, bushy plants. A CO₂ generator controls the mix of CO₂ and oxygen in the atmosphere. A CO2-rich atmosphere produces the large, dark green leaves and large flowers characteristic of Gale's show roses.

In the eight years that Charlie and Chuck Gale have been forcing roses for the Show, they have become convinced that the most important factors for successful forcing are a long day, provided by supplemental lighting, bio-thermal heat, and a CO₂-rich atmosphere. During the short, low-light days of winter these three factors are a greenhouse substitute for the

intense light, longer day, and gradually warming spring temperatures characteristic of our garden environments in April and May.

Year-long Process and Incentives

Forcing roses and perennials for the Show is a year-long enterprise at Gale Nurseries. Greenhouse manager Miguel Santiago spends 10 months on Flower Show production. Gale's commitment of time, resources and staff to exhibitions allows them to set high standards at the Show. From artist Doug Julian's renderings of the design, to set construction by Michael Kostrubiak and David Rowland, Gale Nurseries' open shop management approach encourages a team spirit. An expert team of landscapers install and maintain Gale Nurseries' exhibit.

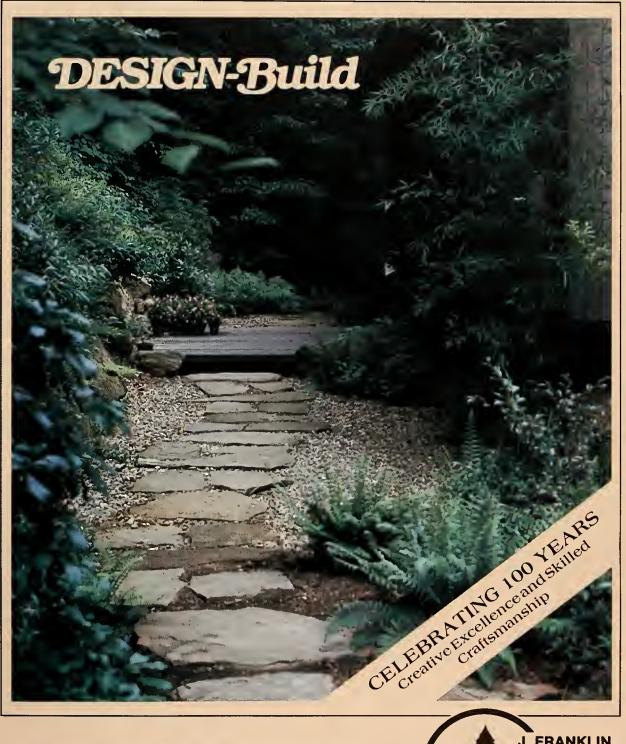
Charlie Gale believes that the PHS maintenance requirement and incentives for exhibitors provide an important standard that sets the Philadelphia Flower Show apart. He estimates that they spend 50-60 hours during show week keeping their exhibit perfect. "We've been to the Chelsea Flower Show a few times, Amsterdam, and the Frankfurt show in Germany," comments Gale, "and I can say we think ours is the finest."

From the appealing carefree shrub to the classic hybrid tea, from charming miniature to graceful climber, the exhibit celebrates the beauty of roses in the landscape. Our national flower has never been better represented or more exquisitely displayed at the Philadelphia Flower Show. If Gale Nurseries' central feature, "Purely for Pleasure," contains a message, perhaps it is simply that the pleasure of growing roses in the large or small garden, on balcony or roof top can be yours.

Judith C. McKeon is rosarian at the Morris Arboretum of the University of Pennsylvania and a member of the board of the Philadelphia Rose Society.



Chuck Gale examines some of the more than 4,000 sq. ft. of roses that were forced in the greenhouse for the 1990 Gale Nurseries exhibit.



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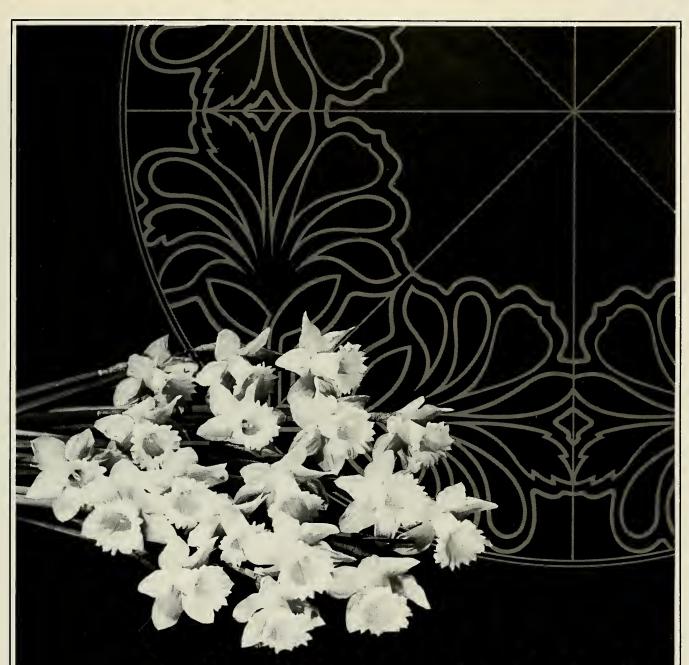
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10 People Salute The Philadelphia Flower Show



Center City Green: Philadelphia's Green Conscience Plantings Make Good Business Sense

by Judy Mathe Foley

To entice his British and French friends to settle in his recently acquired "Province of Pennsylvania in America," William Penn promised each householder the opportunity to "maintain some cattel and produce some corn." Penn advised prospective buyers to build their houses "so that there may be ground on each side for Gardens or Orchards, or feilds, yt it may be a green Country Towne which will . . . always be wholesome."

Penn was selling real estate. Though other features such as religious freedom and assurances that the neighborhood was safe from Indians figured in his promotional broadsides, his greene country towne set between the Schuylkill and the Delaware Rivers was an important part of the pitch. In London in 1683, Penn's colleague, Thomas Holme, published a map of the city that contained the four squares — Washington, Franklin, Rittenhouse and Logan — that still define the city's horticultural legacy.

Three hundred years later, the Pennsylvania Horticultural Society is finding that what worked well for Penn in the 17th century still makes bottom-line sense to 20th century Philadelphia businesspeople. Through its newly formed Center City Green program, the Society applies horticultural principles to increase green space in the downtown business district: planning, broadcasting seeds in the business community, and tilling the soil to uncover nutrients of cash and interest for long-term maintenance. Doing "what PHS does well," says Dick Jackman, Sun Company director of corporate communications.

Center City Green projects range from accent plantings of yellow wildflowers throughout the city, through rejuvenating the Azalea Garden, to the seemingly enormous task of greening the city's airport gateway, an area the *Philadelphia Inquirer* has described as "a moonscape of junkyards, oil tanks, hotdog stands and teetering billboards."

Civic Center, Ribbon of Gold, Azalea Garden

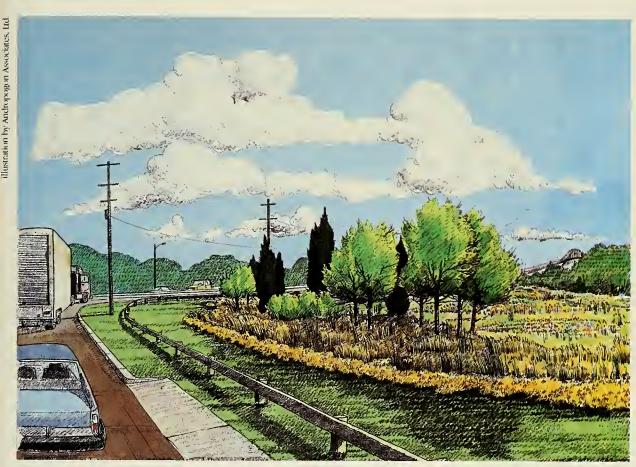
One of the seedlings of this greening process is in the Flower Show's own front yard. Center City Green installed and continues to manage and maintain landscaped areas surrounding the Civic Center. As the weather warms, annuals will be planted in the fountain plaza area.

Another green seedling, Ribbon of Gold, is yellow. Sprinkling plantings of 25 varieties of yellow flowers around the city, Center City Green's efforts are producing riots of *Rudbeckia* in an island just off one of Penn's original squares, Washington, at Seventh and Walnut Streets; *Gaillardia* will gallop outside the walls of the 11-acre, historically certified Eastern State Penitentiary in the Fairmount section; and choruses of *Coreopsis*

greet commuters who glance up from the *Wall Street Journal* just south of North Philadelphia Station.

Near the Art Museum some 24,000 crocus, scilla, tulips and daffodils are popping up right now as a result of last year's rejuvenation there, a textbook demonstration of the Horticultural Society's ability to serve as catalyst, coordinator and developer.

The Fairmount Park Commission's already undercapitalized and over-worked budget could not be stretched to maintain the Azalea Garden, which the Society installed in the 1950s. Vines choked the shrubs, the beds filled with weeds, and many of the plants were diseased or dead. Working with Fairmount Park, the Society used Flower Show proceeds to attract other financing, and coordinated volunteer assistance to plant new beds, prune and fertilize existing healthy shrubs, extend the Garden's blooming season with rhododendrons, magnolias, fringe trees, hydrangeas and crape myrtles, install new irrigation hydrants and replant the lawn. Shusterman and Schiller were commissioned to develop the



Artist's rendering of landscape plan for planting at 26th & Penrose Ave., first phase of the 26th St. Gateway Project.

rehabilitation plan, which included a grand entrance pergola with a brick terrace, benches, and Wissahickon schist sitting walls adjacent to the Sea Horse Fountain.

Then to assure that the Garden is not neglected in the next 40 years, the Society formed Friends of the Azalea Garden, chaired by Society members DJ and Howard Brosius. Howard Brosius, senior vice president of Legg Mason and a member of the Horticultural Society's Council, says he and DJ, an interior decorator, took on the challenge of raising money to maintain the Azalea Garden because it's an important focal point for Philadelphia's many tourist attractions. He also adds another, less tangible benefit of downtown greening: "If you beautify the city, people are less likely to litter and more likely to have pride in where they live and work.'

DJ cites the increased horticultural significance of the

restored garden and its educational value for city children. She says that on bulb-planting days in the Garden last fall, "neighborhood children were making their own plans to play there, and to come back to help plant bulbs."

Greening the Airport Gateway

Pennsylvania Horticultural Society president Jane Pepper says Center City Green "is trying to address a desperate need within the city," but she adds, "The Society is not able to adopt every green spot. Rather, we hope to serve as a catalyst to get more people involved."

Outside center city on a rubblestrewn, neglected one-mile stretch of 26th Street, getting more people involved was vital. Because every visitor or potential investor who arrives at the airport sees it, 26th Street is every Philadelphian's neighborhood, but it had no neighbors until Center City Green found them. Conditions here were understated by a study by a landscape architectural firm as "a visual experience [that is] jarring and discontinuous [where] deteriorated road edges strewn with trash, overhead wires and poles, and untended vegetation create an ugly clutter."

At 26th Street and Penrose Avenue, the Society will clear away the rubble and create meadowlands of trees and grasses. To provide installation funds and ongoing maintenance and coordinate the diverse interests involved, the Society needed all the sales acumen of a William Penn. Enter Center City Green's catalytic converter, Henry Reichner.

The prospect of creating vistas of natural grasses



A ribbon of gold glows on the island alongside Washington Square at 7th & Walnut St.

and trees along Schuylkill
Expressway off-ramps and
CONRAIL rights-of-way can make
even the usually pragmatic
Reichner expansive. "You can let
your imagination soar. The 26th
Street project is the most exciting
example of the public/private
partnerships Center City Green's
involved in."

Reichner's been putting together the public and private pieces of the 26th Street project since the Society did a 1988 feasibility study, and he knows the value of greening from both sides of the fence. He is senior director of the PENJERDEL Council, a tristate economic development group, a past chair of the Society's Council, and a current member of that body. A couple of years after the study was initiated, he waits impatiently while PennDOT crews complete a \$550,000 resurfacing of 26th Street from the foot of the Platt Memorial Bridge to the Schuylkill Expressway so the carefully laid landscape plans can move off the paper and into the ground. His impatience is pragmatic. "You can't sell a house if you have a dirty front yard, and you can't sell a city for the same reason.'

One of Reichner's converts is Charles Pizzi, president of the Greater Philadelphia Chamber of Commerce, who touts the advantages of, and helps raise money in the business community for, the 26th and Penrose project. "Beautifying the gateways of our city will help provide an environment that has positive reinforcement. The Horticultural Society is turning a major negative into a major positive."

Landscape Design Equals \$\$\$

"I don't ask businesspeople to support this project because it's about flowers," Pizzi says. "[I do it] because companies will reap an enormous return on their investment. Landscape architectural design and execution is a way to induce productivity and drive up the cost of real estate. That translates into real, hard dollars."

Sun Company, which owns the oil refinery along 26th Street, plans to finance installation and a maintenance plan for the roadside landscaping. "If PHS can look to 26th Street and not only see a Champs Elysees, but come up

with a workable, well-conceived concept for it — something you can see, touch, feel and understand — they should be encouraged in that, and we want to help," says Robert McClements, Jr., Sun's chairman and CEO.

Greening the city's gateways is worth his company's investment of hard-earned corporate dollars, McClements says, because "it's good citizenship and will endure for generations to come."

One reason the Society was able to produce the workable and do-able plan these businessmen wholeheartedly support is the experience gained in another of its programs, Philadelphia Green. Says Reichner, "We have some 15 years of experience in inner city neighborhoods. Center City Green brings that experience back to Center City where no real 'neighbors' live."

In the process of helping neighborhoods plant gardens that build community pride and cohesiveness, Philadelphia Green staff members have learned how to work with city agencies, how much planning time is needed for success, and how frustrating this sometimes is for everyone concerned. In the neighborhoods,

"You can't sell a house if you have a dirty front yard, and you can't sell a city for the same reason."

as in the corporate community, people want instant results but that's not how horticulture, which has been described as "the slowest of the performing arts," works.

"In Philadelphia Green we gained a realistic sense of how long it takes for projects to work," says Blaine Bonham, director of Center City Green and Philadelphia Green. "It's tough to hold the reins, but also keep momentum going. If you throw something in the ground quickly, it dies just as quickly. You have to think about who's going to take care of it, who's really committed to it."

To assure that commitment, Center City provides technical assistance workshops. Staff

A Green Conscience

If Center City Green is to have an impact on the city's landscape, it must encourage private development. William Klein, director of the University of Pennsylvania's Morris Arboretum. estimates that individuals, corporations and institutions hold as much as 50 percent of Philadelphia's open urban space. "Management of these spaces varies from outstanding to abusive," says Klein. To protect urban green spaces and preserve the human scale of the city, he suggests a "mechanism for treating them as part of one comprehensive system."

Center City Green has no grand illusion about taking on that daunting task, but is exploring a

direct line from A to B, particularly for horticultural projects, which are constantly evolving. A nonprofit agency like the Pennsylvania Horticultural Society can be that connecting thread."

The restored Azalea Garden is one such thread in a tapestry of private and public greening. It sits at the Philadelphia Art Museum in the city's 8,700-acre Fairmount Park at a confluence of restoration projects that include Boathouse Row's re-lighting and the Junior League's Waterworks restoration. A private donation enabled the Fairmount Park Commission to plant new trees to extend the greening down the Benjamin Franklin Parkway to meet the garden around the recently restored Swann Fountain at Logan Circle. The Four Seasons Hotel's curbside plantings and fountain garden coax that greening around the corner of 18th Street.

With the Azalea Garden in good hands and 26th Street underway, Center City Green is moving to the city's primary east/west commercial axis to tackle the more challenging concrete corridors of Market Street. Here is what may appear to be the most infertile planting ground, two private green spots exist on which Center City Green can build.

Market Street, east of City Hall, was once, according to Stockton Strawbridge, "the ugliest street in the city and perhaps east of the Rockies." Now, thanks to \$12 million of federal, state, city and private investment which Strawbridge, former chairman of the Board of Strawbridge & Clothier, helped raise, East Market Street is newly lighted, swept clean, and tree-lined with 85 London planes and honey locusts from City Hall to Independence Mall.

Some of the money was



Artist's rendering of pergola in the Azalea Garden at the Italian Fountain Circle behind the West Entrance of the Art Museum.

members have helped such diverse groups as the Center City Residents Association to learn proper care of street trees, the Philadelphia Water Department to improve the landscaping around their Queen Lane facility, and the Philadelphia Housing Authority to teach horticultural techniques to members of maintenance crews.

public/private coordinating role as a green conscience to help develop a sense of stewardship for green spaces. For that task, the Society's 163-year history is an invaluable asset. "Center City Green is geared toward hanging in there for the long term," says Bonham. "As government leadership changes, there's no





Before and after: Plantings enliven a drab corner of the Civic Center, welcoming visitors to the entrance on 34th and Civic Center Blvd.

spent to create what landscaper Heidi Shusterman calls "a life support system for those trees. It's like intensive care." The more space a tree has underground, the bigger the canopy above ground, so utilities were moved and sidewalks were widened to make room for tree pits. Despite all these precautions, the Market Street trees provide an example of the exigencies of urban architecture. One burned in a fire and another was sheared by an automobile. Wind tunnels created by high buildings increase transpiration, requiring more irrigation.

The 15 corporations of the East Market Street Improvement Association raised and invested approximately \$1.3 million, with the approximately \$150,000 annual income from that investment reserved for maintenance. By 1998, sponsors hope to extend the project to Penn's Landing at the Delaware River to make it "the most attractive and economically successful commercial boulevard in a major city anywhere in the United States today." Says an enthusiastic Stockton Strawbridge, "We're just believers. People can't help but be conscious of an

environment that includes flowers and trees."

Tackling West Market Street

On the other side of City Hall, the high-rise towers of West Market Street create an urban canyon of dense traffic with little street-level ambiance. Construction now in progress will give new character to the west end of Market Street. Center City Green is meeting with developers and businesspeople to sort through the large array of greening opportunities in small plazas, at building fronts, and in pedestrian walkways from City Hall to the 30th Street train station.

That area already boasts a lush niche at 20th Street's Commerce Square where IBM and developers Maguire Thomas Partners devoted an acre of prime commercial real estate to a plaza garden that sets a high horticultural standard other businesses might emulate. "We created the Court at Commerce Square to serve not only the 4,600 people who work here, but also the residents and workers surrounding us," says Maguire Thomas' project executive John Cope.

A circular sitting garden contains perennials, and 24 fullsized honey locusts give filtered sunlight by day, and make dancing shadows as they reflect a fountain's light for plaza restaurant patrons at night. In what Hanna-Olin landscape architect David Dougherty calls this "private, intimate space" you are unaware that you stand above a 400-car parking garage. Also below your feet is a sophisticated irrigation system that not only cares for the Court's plantings, but also waters the street trees on Market Street and John F. Kennedy Boulevard, emitting more water to trees on the sunnier South side where transpiration is greater.

A block away on the north side of John F. Kennedy Boulevard, the nonprofit group, Philadelphia Conservationists, maintains what used to be a rubble-strewn lot that Conservation Projects, Inc. cleaned, landscaped and planted in 1982. This spring, Center City Green will plant a Ribbon of Gold in the 2000 block of that boulevard which leads to 30th Street Station, another of Philadelphia's gateways.

On to the 21st Century

Last spring, Philadelphians were exposed to a graphic and fortunately, temporary, taste of what their city might be like if it neglects its greenery. For several months while replacement trees were being planted, many of the trees on Benjamin Franklin Parkway were removed. What had been a green showplace became a barren, hot, and inhospitable macadam highway, reminiscent of the lyrics of an old Judy Collins' song: "You don't know what you've got 'til it's gone. They paved paradise and put in a parking lot."

Says Center City Green's manager Barbara Olejnik, "We can't closet ourselves away in brick buildings and let macadam take over the world."

Businesspeople agree.

Increasingly, they are brightening their balance sheets with more than a touch of green. The change in attitude about horticultural landscaping is "one of the most dramatic changes I've seen in this business," says Bill Heyser of Heyser Landscaping, Inc., which won awards for Commerce Square. "It used to be almost impossible to sell landscaping on the basis that it would help economically. Now, apartment complexes and industrial parks get the landscaping done before they try to attract tenants because the landscaping is what sells."

Center City Green is tilling this fertile soil to find a champion for William Penn's 17th century green country towne in the 20th century business community. Such advocacy and nourishment of a green consciousness will help assure that Philadelphia's horticultural legacy survives and thrives well into the 21st century.

Judy Mathe Foley, a free lance writer and editor, is an inveterate pedestrian who appreciates every "volunteer" grass, dandelion, or petunia that brightens her path through center city.

Pennsylvania Horticultural Society's Center City Green Plantings for Philadelphia

Azalea Garden Restoration: West of the Art Museum in Fairmount Park
Ribbon of Gold: 18th Street & Glenwood Avenue;
Washington Square; Eastern State Penitentiary, (Spring 1990); 2000 Block JFK Boulevard, (Spring 1990);
Airport Gateway: 26th & Penrose Civic Center: 34th & Civic Center Boulevard

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Year-round plantings and a fountain drown out the noises at 20th and Market Streets to create a nook in Commerce Square's courtyard where office workers can turn even brown bag lunches into picnics. This beautiful planting demonstrates what can be done when a corporation commits to greening in the city.





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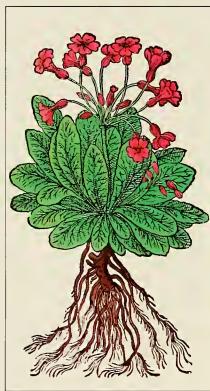


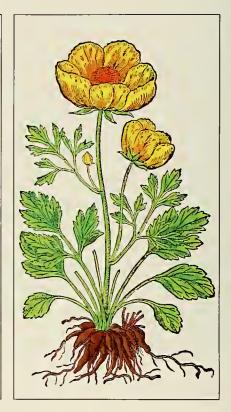


"To create a little flower is the labour of ages — The thankful receiver bears a plentiful harvest."

William Blake







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Visit Monaco at the Philadelphia Flower Show

by Natalie Kempner

Two Garden Clubs, one from the Principality and one from Philadelphia, unite to create a major exhibit at the Show.

One of the "purely for pleasure" offerings of the 1990 Philadelphia Flower Show is a pretend visit to Monaco, fairytale land by the sea. There, through the French doors of a tastefully furnished drawing room, the guest gazes across a terrace garden to a view of the sundrenched Mediterranean harbor.

This stunning centerpiece germinated several years ago when Ed Lindemann, the show's designer, and Jane G. Pepper, show's manager and president of the Pennsylvania Horticultural Society (PHS), were considering how the 1990 theme, "Purely for Pleasure — Gardens for the Senses," could involve international participation.

"Jane asked me to pick a pleasure city," explains Lindemann, "and Monaco was my instant response. I was there only once, long before I was into gardens and flowers, but I remember the bright sun, the colors, the views from the cliffs as pure sensory pleasure."

As for a link between Monaco and Philadelphia, The Garden Club of Monaco is the Mediterranean's pioneer garden club, whereas The Garden Club of Philadelphia is, as Lindemann describes it, "One of the flagship garden clubs in America." Moreover, the Monaco club happens to have been founded by former Philadelphian, Princess Grace, who was an Honorary member of PHS and who, in 1976, came to the Philadelphia Flower Show to judge in the Pressed Plant division. Getting the two clubs

together was practically preordained.

A Trip to Monaco

In the summer of 1988, Pepper journeyed to Monaco to begin the collaboration. "I was struck by how very little land there is for growing. There are parks and the palace gardens but few personal gardens. People are lucky if they have a balcony with space for a few plants."

That is not surprising when you consider that some 29,000 people live on the 0.6 square mile, which is the Principality of Monaco. While gardening is not an individual diversion in Monaco, however, the whole place is a well-tended garden. "Monaco," wrote the French writer, Colette, "is a country whose frontiers are flowers!"

The old city of Monaco, with its royal palace and gardens, sits atop a high promontory with the rest of the principality rising up steep hillsides surrounding a natural harbor. Once thickly wooded, the area is treeless except for pines and olive trees (planted 2,000 years ago by the Romans) and plane and palm trees planted for shade. Tropical blooms and exotic succulents fill formal gardens. Along pathways, alpine wildflowers abound and the air is heavy with the fragrance of wild herbs.

Monaco has a Garden Division as a department of its government. Last year, Jean-Luc Van Klaveren, Service de L'urbanisme et de la Construction. Division Jardins, Principante de

Monaco, visited the Philadelphia Flower Show. Lindemann tells how, after the show, he and Van Klaveren pooled their ideas and found they easily agreed on the basic design, an interior looking out to a garden and on to a view.

The dramatic view, the giant photo backdrop, is an enlargement of a 4" x 5" transparency sent from Monaco. It represents a technique Van Klaveren has used in numerous international exhibits.

Last fall, when Cynthia Cheston, head of the exhibit committee for The Garden Club of Philadelphia, received the Monaco club's photos and drawings of furniture, plants, ornaments and urns needed for the apartment and terrace, a giant scavenger hunt began. Valuable possessions were borrowed, begged, insured, moved and set up with care. Plants, other than the roses, were located and grown at Meadowbrook Farm under the care of Chuck Rogers.

Roses from Conard-Pyle Forced by Gale

The roses were supplied by The Conard-Pyle Company, West Grove, Pennsylvania, link between the House of Meilland in France, famous for French rose hybridizing, and Gale Nurseries of Gwynedd in Pennsylvania, famous for forcing techniques. The exhibit's rose trees are 'Grace de Monaco,' 'Queen Elizabeth,' 'Sonia' and 'Stardance.'

The appropriate 'Grace de

Monaco' or 'Princesse de Monaco' was introduced by the House of Meilland in 1956 at the time of Grace Kelly's marriage to Prince Rainier. This delicate, clear pink rose is a cross between the 'Peace,' probably the most famous rose of this century, and 'Michele Meilland.'

"It is," writes Princess Grace in My Book of Flowers, "a lovely experience for a woman to have a rose named after her, and I am especially delighted since mine is grown by a special nursery that was created by a very special man." She adds that the bright coral rose named for daughter Stephanie is also from Meilland,

while the rose for daughter Caroline, vivid red "to match her personality," is from the Val de Loire Nursery. Both 'Stephanie' and 'Caroline' were on Monaco's original wish list for the exhibit, but neither is available in this country.

Early in the spring of 1989, the required bare root roses from Conard-Pyle arrived at Gale's for forcing. The Gales, Charlie and Chuck, make it clear that it is one thing to know how to force roses, quite another to do it. "You gotta live with it," explains Charlie. "Day and night." (See story of how the Gales' forced roses for the 1990 show on pages 12, 13 and 14.)

Having nurtured the roses to perfection through the winter, the Gales endured the perilous drive down the expressway to the Civic Center, haunted by the specter of a traffic jam or motor failure with the heated vans turning cold and the roses suffering.

As for the horticultural set-up of the joint exhibit, Philadelphia did the planting and the members who are here from Monaco did the flower arranging, which is their expertise. As Jean-Luc Klaveren stated it, early on: "Your ladies will do the digging. My ladies will arrange the bouquets."

Two founding members of The Garden Club of Monaco,



Harriett Groote and Jeanne Nolibe arrived in Philadelphia a few days before the show opened, with Janette Rossi, club secretary and Richard Seren, landscape designer in the Urbanisme Gardens section. They were chosen by their club to help Philadelphia club members with set-up and daily maintenance of the cooperative exhibit.

Groote, a former vice president of the club, was born in Virginia but has lived for 22 years in Monaco and holds dual citizenship. "I remember the first time Grace got a few of us together for lessons with Julia Clements from England. We didn't



know a thing! As for getting the Garden Club going, that was all Grace, her inspiration and her work." Among other Monaco club members who will visit the show, later in the week are two vice presidents, Annette Aerts and Rosine Sanmori.

Her Serene Highness Princess Caroline is expected for the Awards luncheon on March 17. "St. Patricks Day." points out Groote. "An appropriate day for a part-Irish princess to visit Philadelphia."

Although settings — geography, climate, life-style, culture — make for different approaches, the two garden clubs are surprisingly similar. The Garden Club of Philadelphia began in 1904 when two young women wanted to learn about gardening. The Garden Club of Monaco began 60 years later when a princess wanted to learn to use her country's abundant flowers in artistic and enriching ways.

The Hatching Episodes

In a history of the first 50 years of Philadelphia, Marion Willing describes what she calls the "hatching episode." On an April morning in 1904, Mrs. J. Willis Martin and Miss Ernestine A. Goodman, walked out of their driveways and met in the middle of Bethlehem Pike where they discussed their need for help to start their gardens. They called friends together to assist them and the embryo club was formed. The club's stated purposes were three: to promote an interest in gardens, to protect wildflowers and native plants, to encourage civic planting.

The first president, Mrs. Stuart Patterson, was known locally as "The Duchess of Chestnut Hill." Historian Willing reports: "During her reign (as it *was* indeed), an officer wished to resign but Mrs. Patterson said, 'No, Ernestine, my dear, you cannot resign until I tell you to!"

"With undaunted zeal, the garden girls, encumbered by

boned corsets, long skirts, petticoats . . . and umbrellas" made their way by train or trolley to regular Thursday afternoon meetings. Seamstresses sewed their high-fashion gowns and hired gardeners tended their gardens.

In 1913, The Garden Club of Philadelphia invited 11 other clubs "to share the privilege of creating the Garden Club of America." At the founding meeting, a discussion on goals was getting nowhere. Mrs. Patterson, presiding, turned to the secretary, the still unresigned Ernestine: "Ernestine, go out of this room and don't come back until you have written the objectives of this association!" Remarkably, Ernestine's objectives continue to encompass the everbroadening aims of the Garden Club of America.

In 1966, when Monte Carlo celebrated its centenary, Princess Grace took upon herself the task of organizing a flower show. To her astonishment, in this country full of flowers, she found little interest. Flower shows along the Mediterranean were commercial affairs run by wholesalers and dealers, a way to make a living rather than a way of life.

Madame Paul Demange, the French wife of the Minister of State, became Princess Grace's ally and together they commandeered 20 reluctant women to join them in a course on flower arranging. With the exception of Madame Demange, who had had courses in France, "the participants were 'absolument ignorants' of the rules and techniques necessary in floral art!"

Describing these first classes, Princess Grace writes: "Through working with flowers we began to discover things about ourselves that had been dormant."

Encouraged by the enormous success of the 1966 show, those involved were ready to create an ongoing garden club. Princess

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Grace led their crusade with an ardor echoing that of Philadelphia's regal Mrs. Patterson: "I feel that every city, every town, every village should have a garden club. It is as necessary for the lifeblood of a community as a library, art gallery, museum:" This was a novel notion to people living on the Côte d'Azur.

The administration of the new club was a Council of 10 members appointed by royal order for three-year terms. Princess Grace was the first president and remained president until her death, when she was succeeded by Her Serene Highness Princess Caroline.

"When I founded the Garden Club of Monaco," writes Princess Grace, "I was probably the most ignorant garden club president in the world, but when you are really interested in a subject it is amazing how you can find the time to learn."

After a slow beginning, the club has flourished. Annual shows in May and November offer competition for amateurs, including a category for men only. At every celebration members leave their flowery trace, placing flowers in chapels, hotels, museums — in the train station in Monte Carlo and the airport in Nice. As the idea spread to other communities along the coast, Monaco, like Philadelphia, became the mother of offspringing clubs.

Prince's Silver Jubilee

For the celebration of Prince Rainier's Silver Jubilee in 1974, the Garden Club of Monaco undertook the floral decorations for the main cathedral using more than 6,000 fresh flowers. Because of other services in the church, time was limited. Club member Rosine Sanmori's description of the effort is, with small changes in detail, an apt description of Philadelphia club members at work on a project: "As soon as the last people left, all the members



Typical of everything they do, Garden Club of Philadelphia members really get into a horticultural photography session at Bowman's Hill Wildflower Preserve.

swarmed into the cathedral like bees. We had only six hours . . . We had been to the Nice market early in the morning and bought our flowers, but much of the construction had to be on the spot. At lunchtime women with a sandwich in one hand and clippers in the other, were standing back to see that the Virgin Mary was not swamped with flowers. The most unlikely women were gladly working like Trojans. We finished just in time."

The White Gloves Come Off

Imagine the preconceived notions of a garden club founded by a princess with its office and meeting rooms in a palace. The American club was not without its own notions.

"When I joined The Garden Club of Philadelphia," says Marby Sparkman, current club president, "a friend said, 'Now you'll need your white gloves.'"

Preconceptions aside, both clubs' members are a vigorous, intergenerational blend of women with practical skills and horticultural expertise. The clubs offer platforms, far beyond gardens and flower arrangements,

from which knowledgeable women address urgent issues of beautification and environmental concern.

Sparkman is enthusiastic about the Philadelphia-Monaco event: "This is the first time that garden clubs — amateurs — have been invited to 'do' a major centerpiece for the Philadelphia show. We liked combining the work of amateurs with international outreach. Even though the background work was provided by PHS, our club members and those from Monaco did the installation, and that's the fun part!"

Natalie Kempner writes about environmental and educational subjects. She is a frequent contributor to the Pennsylvania Horticultural Society's Green Scene, and has been published in The Philadelphia Inquirer, Learning Magazine, Plants and Gardens and The Friends Journal. She is the founder and retired director of the Norris Square Neighborhood Project, an urban environmental education center in Philadelphia.



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Pleasure Hunt: Area Gardens to Visit

by Betsy Gullan



Brandywine Conservancy/River Museum in bloom from April through November.

I've been fortunate to have the opportunity to plan Pennsylvania Horticultural Society members' tours to gardens in this country and abroad. We return stimulated by what we've seen, and with a renewed appreciation of the horticultural treasures that surround us at home.

Frequently it is visitors from abroad who remind us of the richness and abundance that make the Delaware Valley a horticultural mecca. This concentration of outstanding private and public gardens and arboreta may be due to our hospitable climate, which encourages a wide range of plants to thrive. Or perhaps our intense gardening interest stems from a long horticultural tradition dating back to John Bartram's time. Whatever the reasons, our gardens provide endless pleasure on many different levels. We, most of all, should enjoy them.

You are invited to a pleasure hunt using a sampling of major public gardens in the Delaware Valley. Rub shoulders with history as your wander among venerable specimen trees and shrubs. View rock gardens, native plants, herbaceous borders, and extensive collections of rare and unusual plants. Regardless of your interests, you will enjoy the beauty and serenity that the art and science of imaginative gardening can offer.

Private Gardens

The Pennsylvania Horticultural Society and other local groups provide opportunities for their members to visit private gardens of distinction throughout the Delaware Valley during spring and fall. For more information about the Society membership benefits, write to PHS, 325 Walnut Street, Philadelphia, PA 19106, or request a brochure by calling (215) 625-8250.

Betsy Gullan is PHS Membership/Activities Coordinator.

Tips For Enjoying Garden Visits

Planning ahead is the secret to enhancing your visits to public gardens.

- Groups: call in advance to engage guides or reserve special equipment.
- Amateur photographers: check film and equipment before leaving home. Arrive in early morning or late afternoon, avoiding the high noon sun. Don't discount overcast or misty weather, sometimes perfect conditions for photography.

Tripods and video cameras are taboo in some gardens; call beforehand.

 Clothing: wear comfortable walking shoes. High heels can be a nuisance in the garden to the wearer and to the gardener tending turf.

continued

- Writing materials: carry a small tablet and pencil to record botanical names, etc.
- Small children: bring your own stroller or keep small tots firmly in hand for their own safety and the protection of plants.
- Food: few gardens have restaurants. Inquire about picnic facilities in advance.

Arboretum of the Barnes Foundation 300 North Latches Lane Merion, PA 19066 215-664-8880

Although the Arboretum consists of only 12 acres, it contains a wide choice and discriminating variety of trees and shrubs, many of mature size, rarely seen in small arboreta. Among the notable trees are its specimens of Cedrus spp. Cercidiphyllum japonicum, Chionanthus retusus, Davidia involucrata, Fagus sylvatica cultivars, Hovenia dulcis, Clethra and Stewartia spp. Genera

represented by large number of species include *Acer, Aesculus, Magnolia, Quercus* and *Viburnum.* The Gymnosperms comprise most of the cultivated genera hardy in the Delaware Valley. The arboretum includes a woodland tract, several special plantings and numerous small gardens.

DAYS & HOURS
OPEN TO PUBLIC:
Mon-Thur, 9:30 am - 4:30 pm
(Sign in at the office, 57
Lapsley Iane, Merion);
Fri-Sat, 9:30 am - 4:30 pm;
Sun - 1 - 4:30 pm.
Fri-Sun, enter at 300 N. Latches
Lane, Merion.
Closed: legal holidays, weekends
July & August
ADMISSION: Free.

Bartram's Garden 54th St. at Lindbergh Blvd. Philadelphia, PA 19143 215-729-5281

Bartram's Garden is a 44-acre National Historic Landmark on the banks of the Schuylkill River. Begun in 1728 by John Bartram, the site includes a 17-acre wildflower meadow, 6-acre botanic area, newly restored colonial kitchen garden, and common flower garden. Buildings include an 18th century house museum, restored and furnished with extraordinary period pieces. In the spring, the gardens abound with varieties of wildflowers, rhododendrons, azaleas, magnolia and daffodils. You won't want to miss the flowering of the famous *Franklinia* trees in August.

DAYS & HOURS
OPEN TO PUBLIC:
Mon-Fri, November-April: Noon -4
p.m.
Also weekends May-October,
Noon - 4 p.m.
ADMISSION: \$2 adults, \$1 children

Bowman's Hill Wildflower Preserve Route 32 Washington Crossing, PA 18977 215-862-2924

Bowman's Hill Wildflower Preserve covers 100 acres of rolling woodlands within a mile from the Delaware River. Native wildflowers, ferns, shrubs, trees and vines grow in naturalistic settings along the Preserve's 26 trails. The height of the wildflower bloom is during April and May.

The Wildflower Preserve building, fully accessible, houses a gift shop, seasonal indoor displays, a permanent bird, nest and egg exhibit.

DAYS & HOURS OPEN TO PUBLIC: Mon-Sat, 9-5; Sun, Noon - 5 p.m. ADMISSION: No charge

Brandywine Conservancy/River Museum U.S. Route I just west Route 100 Chadds Ford, PA 19317 215-388-7601

A garden of Pennsylvania native and naturalized wildflowers grace the parking lot of the Brandywine



Morris Arboretum of the University of Pennsylvania, located in Chestnut Hill, pleases people of all sees.



PHS headquarters at 325 Walnut Street boasts of an 18th Century Garden, small orchard and herb, vegetable and flower garden.

Hesperaloe from New Mexico, Artemisia from Nova Scotia, and Penstemon from the Rocky Mountains, thriving among a host of other introductions.

DAYS & HOURS
OPEN TO PUBLIC:
April - October, Tues. and Thurs.
10 am - 4 pm. Other times and
groups, by appointment.
ADMISSION: Free

River Museum and surrounds all of the buildings of the Brandywine Conservancy.

The gardens are planned for a succession of bloom, from April's first bloodroot to November's last aster. Trees, shrubs, and wildflowers are selected for color, form, and texture, and their attractiveness to butterflies and birds.

The gardens, containing over 200 species, feature not only mass display plantings, but also woodland, wetland, and sunny plant communities.

DAYS & HOURS
OPEN TO PUBLIC:
Every day but Christmas: 9:30 am
to 4:30 pm

ADMISSION: Garden admission free; admission fee for museum.

Chanticleer 800 Church Road St. Davids, PA 19087 215-688-5020

Chanticleer is a 32-acre estate of rolling land on the Main Line, west of Philadelphia. The main house has a formal garden and Minder House an amenity garden. There is also a meadow garden, a wildflower garden, a vegetable garden and a cutting garden. The entire property can be toured on foot in about two hours.

DAYS & HOURS
OPEN TO PUBLIC:
Group reservation only; closed on
weekends.
ADMISSION: Free

Fairmount Park Horticulture Center Horticulture Drive near Belmont Ave. Philadelphia, PA 19131 215-879-4062

The Horticulture Center and Centennial Arboretum have wonderful seasonal interest. Visit a large greenhouse and display. Enjoy the Japanese House and Garden from May till October from 10-4 pm, truly a Philadelphia Treasure. Twenty-two acres of rare and beautiful trees dot the landscape of the Centennial Arboretum.

DAYS & HOURS OPEN TO PUBLIC: Daily; Grounds, 9 am - 6 pm; Greenhouses 9 am - 3 pm. ADMISSION: \$1.00 donation requested

Henry Foundation for Botanical Research 801 Stony Lane Gladwyne, PA 19035 215-525-2037

The Henry Foundation, established in 1948, is dedicated to collecting and preserving choice rare and endangered American native plants.

Fifty acres in Gladwyne,
Pennsylvania, are home to a
unique array of flora in a
naturalistic setting, including
collections of *Rhododendron*, *Styrax*, *Halesia*, and *Magnolia*. A
vast outcrop of Baltimore gneiss is
a magnificent setting for the
Foundation's rock garden. Here
are smaller plants, *Phlox* and

Independence National Historic Park/Gardens Visitor Center at Third & Walnut Philadelphia, PA 19106 215-597-8974 (voice or TDD)

Independence National Historic Park preserves some of the diversity threatened by Philadelphia's growth and development. Interspersed among the Park's buildings are 18th century-type plantings that include roses from 200-year-old stock and a franklinia tree. Although they are not original, the gardens provide a natural buffer between the Park's environment and its 20th century neighbors. All areas are accessible, during daylight hours, year round. Stop by the Visitor Center's bookstore if your would like to purchase a guide to the "Gardens of Independence."

DAYS & HOURS OPEN TO PUBLIC: Daily, 9 am - 5 pm ADMISSION: Free

Longwood Gardens U.S. Route 1 Kennett Square, PA 19348-0501 215-388-6741

One of America's foremost display gardens, Longwood Gardens is open every day of the year. The year-round displays range from "Welcome Spring," from mid-January through April

with four acres



many evenings throughout the year.

ADMISSION: \$8 adults; \$2 children 6-14 yrs.

Morris Arboretum of the

of flowering spring bulbs inside warm conservatories, to "350 Acres of Spring" when the outdoor gardens fill with flowering trees, shrubs and bulbs in bloom from April through the end of May. Summer's "Festival of Fountains" features annual and perennial flowers, roses, waterlilies in bloom, alfresco concerts and illuminated fountain displays. "Autumn's Colors" are the focus from mid-September through October, when perennial flowers bloom indoors and out, and autumn foliage erupts in Longwood's arboretum. The "Chrysanthemum Festival," from late October through November, features 15,000 chrysanthemums and horticultural displays in specific themes, and December's "Christmas Conservatory Display" is Longwood's most popular season, with more than a thousand colorful poinsettias filling the conservatories, afternoon and evening musical programs and outdoor lighting each evening.

DAYS & HOURS OPEN TO PUBLIC: Open daily 10 am - 6 pm and Hillcrest Ave. between Stenton & Germantown Aves.
Philadelphia, PA 19118
215-242-3399
The Morris Arboretum of the University of Pennsylvania

University of Pennsylvania

University of Pennsylvania contains some of Philadelphia's rarest and largest trees set in a 92-acre garden of winding paths, streams, special garden areas, and romantic landscapes.

As the official arboretum of the Commonwealth of Pennsylvania, the Arboretum's collection of more than 5,500 labeled trees and shrubs is an outdoor laboratory and living classroom. For the visitor, the Arboretum also offers a variety of garden styles and unusual garden features: an English landscape park with long vistas over rolling hills, a Victorian temple with a hidden grotto, a Swan Pond (two royal swans), a Rose Garden displaying superior

The Terry Shane Garden, part of the Scott Arboretum of Swarthmore College.

roses for the Philadelphia area, surrounded by a 300-ft rock wall of flowering plants. A visit to the Morris Arboretum is peaceful, quiet, and beautiful during any season.

DAYS & HOURS
OPEN TO PUBLIC:
Mon-Fri 10 am - 4 pm; Sat-Sun 10
am - 5 pm.
TOURS: Sat-Sun 2 pm
ADMISSION/DIRECTIONS: Please
call 215-242-3399.
LOCATION: Weekends — on
Hillcrest Avenue between
Stenton & Germantown Aves.
Weekdays — on Northwestern
Ave. between Germantown and
Stenton Aves.

Meadowbrook Farm 1633 Washington Iane Meadowbrook, PA 19046 215-887-5900

The Gardens at Meadowbrook Farm were begun in 1936, and through the years have developed into a succession of small intimate room-like areas all connected by a strong central axis, each with a special feature such as pools, dramatic fountains, gazebos, and various walled-in levels. Topiaries, espaliered, and skillfully trimmed specimens abound. Most of the garden structures were first seen at the Philadelphia Flower Show.

DAYS & HOURS
OPEN TO PUBLIC: Open by
appointment for groups
between 15 & 30, late April
through early June.
ADMISSION: By appointment, to
garden club members or allied
horticultural groups.

Pennsylvania Horticultural Society 325 Walnut Street Philadelphia, PA 19106-2777 215-625-8250

The Society's 18th Century Garden features three distinct areas: a formal garden with gravel walks separating parterres brimming with seasonal flowers, a small orchard, and an area for herbs, vegetables and perennials. The plants in the garden are a mixture of natives and exotics.

Although the garden remains in the style of the 18th century, it is meant only to suggest a garden typical to this fashionable part of town, not to be an authentic reproduction of the period. By remaining true to the spirit of the 18th century, but not limiting the garden exclusively to plants cultivated during that time, PHS is able to show the public what plants are available today for use in their own gardens.

DAYS & HOURS OPEN TO PUBLIC: Mon-Fri, 9 am -5 pm ADMISSION: Free

Tyler Arboretum 515 Painter Road Lima, PA 19037 215-566-5431

The Tyler Arboretum is a 700-acre preserve located in Delaware County, Pa. Its 500 acres of natural area and 200 acres of horticultural plant collections is traversed by 20 miles of marked hiking trails. One of the largest collections of rhododendrons in the East is at its peak from mid-April through mid-May. Also some of the largest trees of their species can be found at Tyler, notably the giant sequoia, cedar of lebanon and oriental spruce among others. Numerous

adult and children's educational programs are offered as well as a gift shop.

DAYS & HOURS
OPEN TO PUBLIC: 8 am - 5 pm
with extended hours during
the warmer months, 7 days.
ADMISSION: Members free, nonmembers \$3.00

Scott Arboretum of Swarthmore College Swarthmore College Swarthmore, PA 19081 215-328-8025

The Scott Arboretum is a garden of suggestions. Located on the Swarthmore College campus, more than 110 acres create the College landscape and provide a display of more than 5,000 kinds of the best trees, shrubs, and perennials recommended for gardens in the Delaware Valley. Established in 1929, today the Arboretum has major collections of flowering cherries, Corylopsis, crabapples, daffodils, dogwoods, hollies, lilacs, maples, magnolias, native azaleas, quinces, rhododendrons, roses, tree peonies, viburnums, wisteria and witch hazels. Other areas of special note are The Terry Shane Teaching Garden at the Arboretum Headquarters and The Theresa Lang Garden of Fragrance in the Clothier Courtyard.

DAYS & HOURS
OPEN TO PUBLIC: Daily - Dawn
to dusk, year round.
ADMISSION: Free. Guided tours
for groups of 10 or more: \$2
per person.

Winterthur Museum & Garden Route 52 Winterthur, DE 19735 1-800-448-3883 302-888-4600

Winterthur is the former country estate of collector and horticulturist Henry Francis du Pont. Two hundred acres of naturalistic garden, nestled in the Brandywine Valley, offer wildflowers, Kurume azaleas and Dexter's hybrid rhododendrons. along with a pinetum, an unusual quarry garden, and the formal reflecting pool garden. In March, the hillsides are covered with snowdrops, aconite, squill, crocus, chionodoxa, and snowflakes. Peak time is mid-May, but the wide open spaces and large old trees make this a wonderful adventure at any time of the year.

DAYS & HOURS
OPEN TO PUBLIC: Tues-Sat, 9 am
- 5 pm; Sun, Noon - 5 pm
ADMISSION: Garden-only ticket is
\$4. Garden admission is also
included with all Winterthur
Museum tickets (\$9 - \$12.50).



Delightful fragrances fill the air at Winterthur Museum and Garden in spring. The Sundial Garden (shown here) was formerly the site of the du Pont family's tennis and croquet courts. In April and May a palette of color is presented by star magnolias, crab apples, lilacs, flowering quinces and snowball viburnums.

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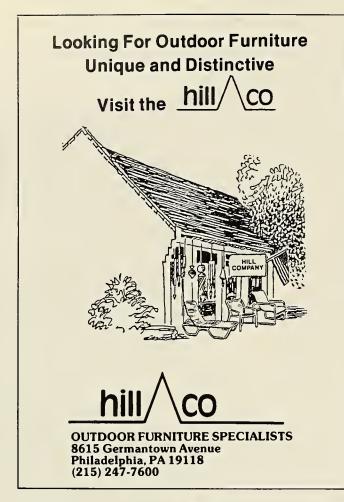
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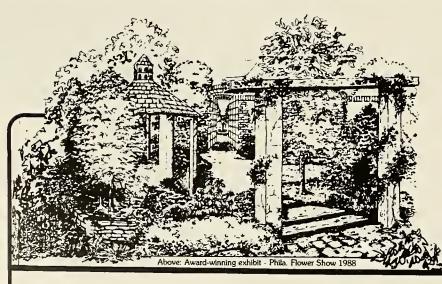
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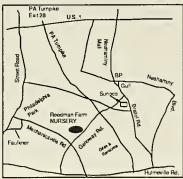
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The Pennsylvania Horticultura

photo by Howa

PHS library is open to the public. Members have borrowing privileges.





The Harvest Show exhibits show off the home gardeners' bounty.

PHS Produces . . . The Philadelphia Flower Show The Harvest Show

(Members receive free tickets to these shows.)

Green Scene, a beautiful full-colbimonthly magazine written by gardeners about gardening, free to members. (Individual subscriptio may be ordered @ \$9.75.)

PHS News, a monthly newsletter about happenings at the Society, it to members.



PHS members tour Doe Run, a private garden in Unionville, Pa.

ociety: People and Plants



lower Show revenues support PHS's Philadelphia Green programs. Staff education specialist Jeff tyers leads a "Wake Up to Spring" workshop at Diamond Acres (20th & Diamond Street). The Mt. illimanjaro mural was painted by the Anti-Graffiti Network.



Arranging workshops are available for beginners and Flower Show exhibitors alike.

'HS Plans . . .

ctivities for members: more than 90 ips, workshops, lectures, garden ours, symposiums, clinics each year. or example, trips range all the way om Center City Philadelphia to ermany, Holland, England or frica; workshops from flower tranging for first-timers to emposiums for Flower Show whibitors; seminars on horticultural hotography, panels on vegetable ardening or workshops for pruning roody plants.

PHS Maintains . . .

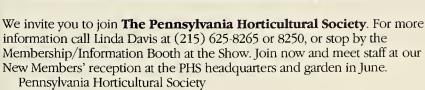
One of the largest horticultural libraries in the area — housing almost 14,000 gardening books. The Library now includes a videotape section on gardening subjects. (Members benefit from mail order library service.)

The 18th Century Garden — a delightful oasis in Independence National Historical Park.

Horticultural Hotline: Call Monday through Friday, January through November, 9:30-Noon with your gardening questions. PHS Sponsors . . .

Philadelphia Green, the country's largest community greening program. Garden coordinators work with thousands of gardeners on 1,300 gardening projects: community vegetable and flower gardens, green blocks, window boxes, school programs and a city gardens contest.

Center City Green, a program to enhance green spaces in Center City and at the gateways.



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1990 Flower Show Major Exhibitor Descriptions



The Zoological Society of Philadelphia's "Metamorphosis: From Reality to Fantasy" received the 1989 Pennsylvania Horticultural Society Flower Show Award for "Best in Show" in the Display (non-profit) category. Like the natural phenomenon of chrysalis to butterfly, green temperate plants lead over a bridge to a colorful explosion of tropical plants.

African Violet Society of Philadelphia

2050 E. Orleans Street Philadelphia, PA 19134 Tom Seiler, Chair

Violets for Pleasure

Here's a room within your home devoted to indoor gardening. A great place to whip up your secret potting mix, splash around a little water, pot and primp till your heart's content. Relax here with your favorite warm refreshment and enjoy the fruits of your labor.

Albrecht/L.P. Cowan

701 Montgomery Avenue Narberth, PA 19070 Ralph Grasso, Chair

Nouvelle Orléans Soirée

Heaven on earth: flowers and fragrances welcome visitors here. As daybreak approaches, a spent Mardi Gras scene, the day after, lies before us. Strains of jazz music and bright lights drift into the New Orleans-style chateau from the city. From the balcony one can see the remnants of the nights' merriment — confetti, discarded beads and feathers, sweet blossoms strewn about. Filigreed pedestals and ums overflowing with freesias, lilies and hyacinths provide an entryway to this bayou setting. A wrought iron trellis entangled with trumpet vine provides the perfect spot for daydreaming and reveling in the memories of the moment. Don't stay too long in your dreamy state, Mardi Gras is about to begin . . . again.

Allied Florists of Delaware Valley

Staged by Philadelphia Plant Rental Company #2 Fort Mifflin Road Philadelphia, PA 19153 Brian Kappra, Chair

The Celebrations of Life

Every day, around the world, families and friends gather to celebrate life's special occasions, and flowers express the emotions of these times. Enter the Grand Ballroom of this display, elegantly appointed with beautiful columns, mirrors, rich draperies, lush potted palms and classic fountains. Tables set with fine linens and opulent floral arrangements of exotic imported flowers await the guests' arrival. Come, celebrate with us.

American Rhododendron Society, Philadelphia and Valley Forge Chapters

90 Kresson-Gibbsboro Road Voorhees, NJ 08043 Ted Stecki/Glenn Frederick, Co-Chairs

The Pure Pleasure of Rhododendrons

Imagine you are walking in the privacy of your own garden on a bright spring day. You feel and smell the crisp freshness of azaleas and rhododendrons just beginning to show off their colorful display as they burst into bloom. The garden is at its peak and so are you.

American Rock Garden Society, Delaware Valley Chapter

2106 Pennsylvania Avenue Fort Washington, PA 19034 Joyce Fingerut, Chair

Planned for Pleasure

This variation on a theme provides the spirit of the traditional rock garden, achieved with economy of effort.
Through carefully

continued



The Gooseberry Bush won the Philadelphia Flower Show Award for an exhibit of distinction in the Aesthetic (commercial) category at the 1989 Show for "Gardener's Retreat."

considering design principles and judiciously selected plants, this slightly altered solution offers a special site for special plants. The tiny world of dwarf iris, hostas and daylilies helps create a miniature oasis for the rock gardener.

F.A. Bartlett Tree Expert Co.

1290 East Main Street Stamford, CT 06902 Benjamin G. Tresselt, Jr./ Anne L. Ferrucci. Co-Chairs

Managing Your Trees . . . What an Arborist Sees

Professional inspection, evaluation, diagnosis and advice are essential to the successful management of shade and ornamental trees and shrubs. This exhibit introduces procedures used by professionals — fertilizing, pruning, design — as well as corrective and preventive procedures, to enhance the safety, health, beauty, utility and enjoyment of landscape trees and shrubs.

County Line Landscape Nursery

120 Main Street Green Lane, PA 18054 Harris Bieberfeld Denni Jones, Co-Chairs

Mountain Cottage

Time at this vacation mountain cottage is meant to be spent

outdoors, and the joy of puttering in the garden shows here. The fragrance of flowers, the warm sun on your face — these are the lures of this mountain refuge. Large native rhododendron and evergreens, liriope and springblooming bulbs are part of the scene.

J. Cugliotta Landscaping, Inc.

RD =10, Route 206 Vincentown. NJ 08088 Joe Cugliotta, Chair

Springtime Splendor

A woodland hillside is the site for an outdoor living space. A natural stone patio and cedar deck encompassing several levels are accented by stone retaining walls. The faint sound of a nearby stream lends a peaceful feeling to this hidden retreat. An abundance of color, radiated by rhododendrons, azaleas, and dogwood trees, welcomes all to experience springtime splendor.

The Students of Delaware Valley College

Route 202 Doylestown, PA 18901 Dr. John D. Martin, Chair

Flight of Fancy — An Invitation to Butterflies

The seclusion of a secret garden entices and invites you and your guests to enter. Walk quietly however, for this is no ordinary garden. This is a Butterfly Garden and your guests are among the most extraordinary on earth; butterflies. Your spirits are sure to soar in a Flight of Fancy as you explore this educational ideascape filled with practical information about butterflies including plants and design to attract them. Look! Your guests are arriving.

Delaware Valley Fern Society

412 Chelten Avenue Philadelphia, PA 19144 Kathryn Giomi, Chair

Ferns As Roommates

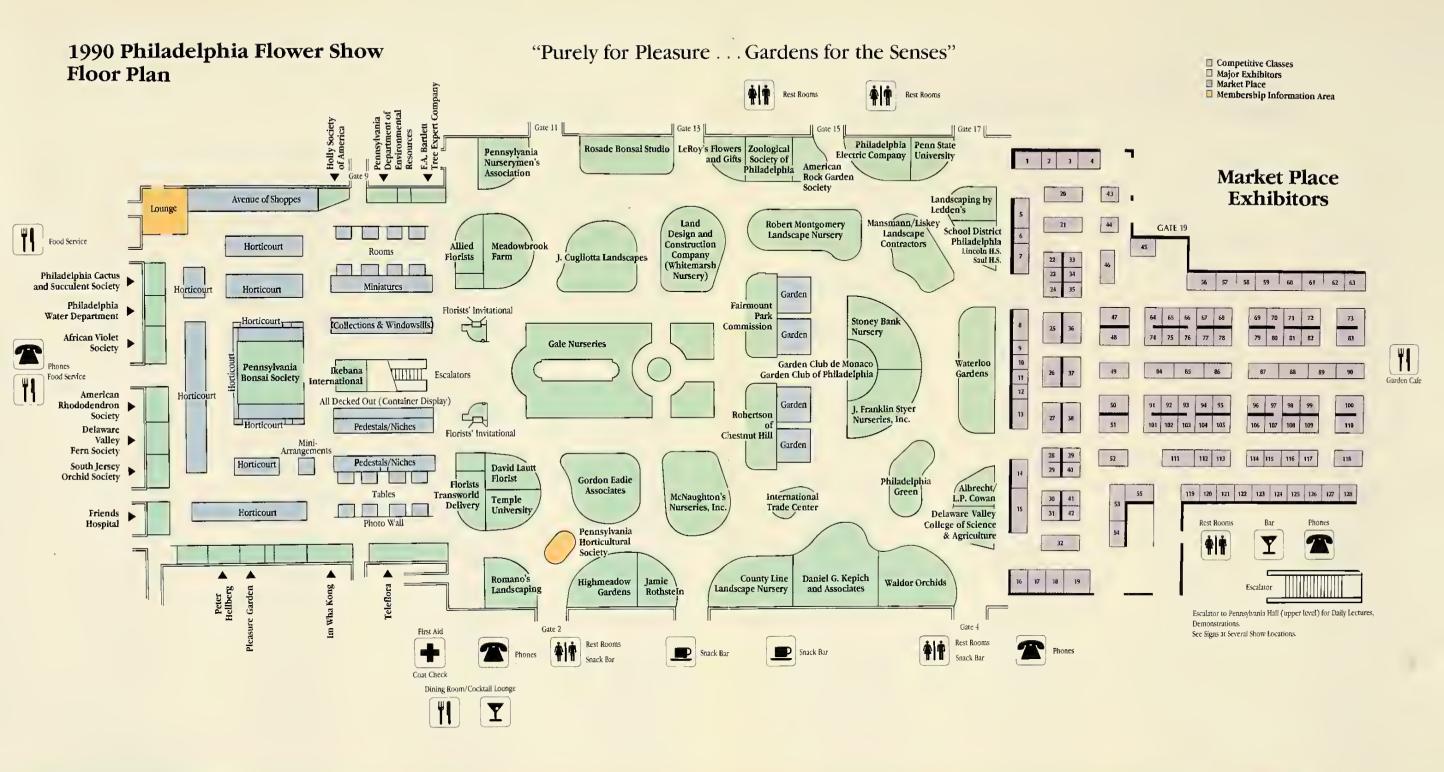
The college dormitory or a stately board room — a fern offers that perfect touch of color and accent to make any room design complete. With proper care, your fern can become a valued roommate. This display features several indoor varieties and suggestions for maintenance.

Gordon Eadie Associates, Inc.

P.O. Box 982 Valley Forge, PA 19482 William C. Tamburro, R.L.A., Chair

Thyme for Tea

Curved paths and lush plantings lead you into a compact garden that feels like a mini-estate. The intimate structure integrates with continued on page 53



Market Place Exhibitors

Booth Exhibitor 107 A & A Bazaar G Annor Ackah 575 General Knox Road King of Prussia, PA 19406

> 46 A.B.G. Company William Don Navratil PO Box 227 Brightwaters, NY 11718 Potted plants/hanging baskets

73 S.A. Associates

83 Stan & Suzanne Alten 90 876 Phillips Road Warminster, PA 18974 Plants & pottery

2B American Standard Co. Nathaniel Florian PO Box 325 Plantsville, CT 06479 Ratchet-cut pruning tools and accessories

69 Anything Grows Greenhouse Franklin I. Niedz 1609 McKean Road Ambler, PA 19002 Bonsai, miniature plants, rare plants & orchids

23 Applied Hydroponics of Philadelphia, Inc. Steven M. Smith 208 Route 13 Bristol, PA 19007 Nutrients, hydroponic equipment & lights

91 Ash's Greenhouses

92 Jim Ash 353 S. Spring Road Vineland, NJ 08360 Houseplants

127 The Barn Door

128 Lotraine & Ray Evans 61 White Horse Pike Atco, NJ 08004 Custom solid wood sheds. barns, garages, cupolas, weather vanes

47 The Big Island Plant Co. 48 Richard Courtenay Cittrell

58 405 W. Washington St., Ste 89 Edward Wright San Diego, CA 92103 Hawaiian plants, potpourti Minotola, NI 08341

33 Bittersweet Herb Farm

34 David Wallace 35 777 East Main Street

Brunford, CT 06405 Herbal products, dried flowers, jams & mustards

26 The Blue Tree

James A. Losty 1728 Pheasant Lane Norristown, PA 19403 Cut flowers, hanging baskets, flowering & foliage plants

97 Bonsai Designs Joyce Kelley 1862 Newbridge Road North Bellmore, NY 11710 Dwarf Japanese bonsai trees Booth No. Exhibitor

116 The Book Tree 117 Anne and John Haines 12 Pine Hill Road Englishtown, NJ 07726 Gardening books

15 Brandywine Gardens Richard & Dale Lenat 1027 Lenane Road West Chester, PA 19382 Cactus & succulents

119 W. Ailee Burpee & Co. 120 Jonathan Burpee 300 Park Avenue

Warminster, PA 18974 Flower & vegetable seed, general merchandise 39 Caprilands Herb Farm

40 C.B. Green 534 Silver Street Coventry, CT 06238 Herbs and herbal products

98 Cottage Crafts, Inc. 99 Joan 8. Rutz 289 Lancaster Pike Frazer PA 19355 Dried flowers, miniatures, wood, straw, naturals

109 Country House Floral Supply Helga J. Frazzette 95 Greenwood Road Andover, MA 01810

Flower arranging supplies 14 Dalton Pavilions, Inc. lames F. Dalton 7260 Oakley Street Philadelphia, PA 19111

Gazebos

44 Decor Shoppe Lee Varga 4532 Maize Road Columbus, OH 43224 Flowers, decorations, gifts

41 Peter delager Bulb Co. Peter delager 188 Asbury Street, PO Box 2010 South Hamilton, MA 01982 Flower bulbs

25 Desert Dan's Cactus 1012 West Summer Ave. Cartus

24 Devine Orchids Kristine M. Cox 2130 Middle Road Glenshaw, PA 15116 Orchids

88 Encyclopaedia Britannica USA Ann Gordon 310 South Michigan Avenue Chicago, IL 60604 Encyclopaedia Britannica

9 English Country Signs Gillian Gutteridge 24 Phoenixville Pike Malvem, PA 19355 English country signs

Booth No. Exhibitor

7 Fischer Greenhouses C.W. Fischer, It. Oak Avenue Linwood, NJ 08221 Violets, azaleas, gesneriads

56 The Flower Hut 57 Murray Dickman 27 Highland Avenue Lansdale, PA 19446 Fresh cut flowers

74 Flowers By Dottl 75 Dennis Rzaca 412 MacDade Blvd. Milmont Park, PA 19033 Fresh cut flowers

60 Folio Art Glass Raymond & Barbara Folio 32 Holland Lane Colts Neck, NI 07722 Stained & leaded panels, lamps, planters

118 Frank's Nursery & Crafts Michael McManimar 31 Airport Square North Wales, PA 19454 Horticultural products & information

49 William Frederick II Inc. Robert Knox 932 Bethlehem Pike Montgomeryville, PA 18936 Patio furniture, baskets

111 Frontier Fruit & Nut Co. Raymond J. Karee 482 Somerset Road Akron, OH 44313 Dried fruits, nuts, mixes

10 The "G" Boys

11 Garden Center 12 Ralph A. Gaudio

13 801 West Route 70 Marlton, NJ 08053 House plants, plant foods, ribbon & seed

63 Globe Enterprises Gloria Hess 961 Stafford Drive Toms River, NJ 08753 Kendo moos

10B Golden Blossom Honey Marie Corelli 73 E. State Street Doylestown, PA 18901 Honey

30 Richard Graber &

31 Associates Richard Graber 7412 Bingham Street Philadelphia, PA 19111 Pussywillows, film & camera supplies, general merchandise

B7 Gravely International, Inc. RD 2, Box 184C Selinsgrove, PA 17870 Gravely tractors & attachments Booth

No. Exhibitor

95 H&S Sales Harold E. Shatz 7514 Sherwood Road Philadelphia, PA 19151 Jewelry, magnets, toys

21 Haarlem Bulb Co., Inc. Adolphe Amand 3271 Base Line Road Grand Island, NY 14072 Spring flower bulbs & plants

96 Hagley Museum Store Marcy Weisz Box 3630, Barley Mill Road Wilmington, DE 19807 Botanical gift items

22 Happy Glass Sara M. Ouinby 2865 Walnut Hill Street Philadelphia, PA 19152 Stained glass suncatchers, planters, windows

72 The Hearle Gallery Debbie Hearle 488 Main Street Chatham, MA 02633 Watercolor florals & garden scenes

124 E.P. Henry Corporation Doug Rose PO Box 615 201 Park Avenue Woodbury, NJ 08096 Interlocking paving stones, landscape retaining wall

2 Heritage Herbs of Maine/ 3 Maine Beatwood Products Cathy Sputling/Judith Fowles RFD 2, Box 391

Gardiner, ME 04345 Bentwood planters, pots, wreaths, scents

66 Hobensack & Keller, Inc.

67 Laurence D. Keller PO Box 96, Bridge Street New Hope, PA 18938 Garden appointments

106 International Housewares Frank Polo 1790 South Treasure Drive North Bay Village, FL 33141 Floristree

62 Irrigation Systems, Inc. Joseph Seward 17321/2 Oregon Avenue Philadelphia, PA 19145 Landscape lighting & sprinklers

105 Island Designs Judi & Chong Lim 25 Cleftstone Road Bar Harbor, ME 04609 Embossed paper, procelain pins

5 Janco Greenhouses & Glass Structures I.S. Grasso 9390 Davis Ave. Laurel, MD 20707 Greenhouses

Booth No. Exhibitor

114 Kirkwood's Flowers

115 Dean Kirkwood 619 E. Orange St. Lancaster, PA 17602 Fresh cut & dried flowers, plants

42 Klima-Gro USA Tom Davidson PO Box 5, 300 Brighton Ave. Buffalo, MN 55313 Klima-Gro-

18 Charles F, Kremp, 3rd

19 Florist Scott W. Kremp 220 Davisville Rd. Willow Grove, PA 19090 Fresh flowers

71 Langenbach Paul Langenbach PO Box 453 38 Millbrook/Stillwater Rd. Blairstown, NJ 07825

1 Robert J. LaRouche 228 Poplar Ave. Wayne, PA 19087 Amdega conservatory

53 LeRoy's Flowers & Gifts, Inc. LeRoy R. LaBold 16 North York Road Hatboro, PA 19040 Flowers, plants, balloons

64 Orol Ledden & Sons

65 Donald Ledden Centre Ave., PO Box 7 Sewell, NI 08080 Seeds & bulbs

61 Pel-Feng Lu Tom & Lee Lu 153-29 5th Ave. Flushing, NY 11355 Silk products

16 McNaughton's 17 Nurseries, Inc. Bill McNaughton, Jr. 351 Kresson Road Cherry Hill, NJ 08034 Flowering plants, herbs, hanging and potted

110 Martin's Aquarium of Jenkintown Ioel Martin 101 Old York Road Jenkintown, PA 19046 Plants and fish

36 McTaggart's Robert B. McTaggan 909 Longmeadow Street Longmeadow, MA 01106 Flower arranging & bonsai supplies

68 The Meadowlark Ellen Spector Platt RD 1. Box 1568 Orwigsburg, PA 17961 Dried flowers, containers, dried flower books

Booth No. Exhibitor

102 Mini Handcrafts Boutique Vincent Alves 69th St. Terminal, PO Box 2097 Upper Darby, PA 19082 Gifts from around the world

79 Miracon/Nature's Miracle 80 Edward S.J. Walsh PO Box 3360

Westport, CT 06880

African violet pots 8 Mostardi's Nursery & Greenhouses Stephen L Mostardi

Nature's Miracle, Planteen,

4033 West Chester Pike Newtown Square, PA 19073 Flowering & foliage plants 86 Ohio Dairyland Cheese Co.

Raymond J. Karee 482 Somerset Road Akron, OH 44313 Cheese & gournet foods

103 Orchard View Greenhouses 104 Bill & Trudy Eisenmenger 385 Route 94 Newton, NJ 07860

Plants 32 The Oriental House Vincent Lu 176-21 80th Road Jamaica Estates, NY 11432 Bonsai accessories, miniatures,

flower arrangements, gifts 100 Pario Enclosures, Inc. John Schulgen 2500 State Road Bensalem, PA 19020 Patio enclosures, solarium

50 Pella Window & Door Co. 51 Patty Beecher PO Box 9004 Valley Forge, PA 19485-9004 Pella windows & doors

76 Petals Andrea Healy RR 3, Box 156 AA Mays Landing, NJ 08330 Real flower jewels

43 Plumridge Nursery Carole Denneny PO Box 347, Rts. 313 @ 113 Dublin, PA 18917 Perennials & specialty plants

77 Pottery Unlimited Patricia & Jessica Everett 87 Grandview Avenue Trenton, NI 08620 Hand-painted ceramic planters, animal pots, stained glass

29 Primex Garden Center David Green 435 West Glenside Ave Glenside, PA 19038 Books & garden accessories

101 Quaker Hill Flowers Shirley A. Dobbs 52 Pleasant St., RR 6 Vincentown, NI 08088 Dried flowers & potpourri Booth No. Exhibitor

52 R&H Company Ronald Amand PO Box 43 Grand Island, NY 14072 Tropical & air plants

85 Raritan Valley Garden Center Woody Lin RD 3, Box 437 Cedar Grove Lane Somerset, NJ 08873 Bonsai, orchids & house plants

81 Rosehill Farm 82 Patricia Berlen Gregg Neck Road Galena, MD 21635 Miniature roses & rose products

126 Sandra McKenzle Schmitt 25 Fifth St. Frenchtown, NJ 08825 Ceramic planters, birdbaths, herb markers

59 Christine Sibley Architectural & Garden Ornaments 15 Waddell St., NE Atlanta, GA 30307 Architectural & garden omaments

121 Silva Orchids loe & Tony Silva 635 Wayside Road Neptune, NJ 07753 Orchids & related products

4 Steeleworks Michael D. Batten PO Box 18889 Philadelphia, PA 19119 Fine art prints, related products

112 Stillridge Herb Farm

113 Mary Lou Riddle 10370 Route 99 Woodstock, MD 21163 Herbs and related products

27 SunSpaces, inc. Gussie D. Pokorny Main & Walnut Streets North Wales, PA 19454 Suprooms

89 Swiss Maid Fudge Co. Raymond J. Karee 482 Somerset Road Akron, OH 44313 Fudges & candies

93 Timber Press, Inc. 94 Michael Alan Fox 9999 SW Wilshire Portland, OR 97225 Horticultural books

20 Tinari Greenhouses Frank A. Tinari 2325 Valley Road Huntingdon Valley, PA 19006 African violets

123 Trees Company Robert J. Hagarty Broomall, PA 19008 Wire sculptured trees Booth No. Exhibitor

70 Valley Forge Collections Paul M. Greco 212 East Freedley St. Norristown, PA 19401 Lawn & garden ornaments

45 Vegetable Factory, Inc. F.A. Schwartz 71 Vanderbilt Ave. New York, NY 10169 Greenhouses

55 Vick's Landscape Design & Construction, Inc. Donald M. Thomson PO Box 985 Paoli, PA 19301 Plants, water garden products

78 Violet Rainbow Alice Bair. 1515 Bachman's Valley Road Westminster, MD 21157 African violets & related items

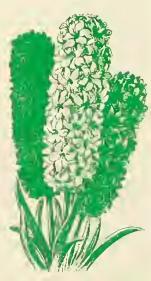
84 Walder Orchids, Inc. Walter M. Off 10 E. Poplar Ave. Linwood, NJ 08221 Orchid plants & related supplies

6 Wallingford Rose Gardens Joseph Kassab 6 E. Brookhaven Road, Box 52 Wallingford, PA 19086 Hollies & plants

54 WCAU-AM Ann Brophy City Line & Monument Rd. Philadelphia, PA 19131

122 Westminster International Co. Inc. Jean de Ru 436 Armour Circle, NE Atlanta, GA 30324 Zyllis vise

38 Wildflowers by Cricket Cricket Luker 1266 Ridge Ave. Manahawken, NJ 08050 Hand-crafted tiles



51

continued



Highmeadow Gardens, Inc.'s "Inside Out" received the 1989 Philadelphia Flower Show Award for an exhibit of distinction in the Aesthetic (commercial) category, and the Garden Club Federation of Pennsylvania's special achievement award for an exhibit of unusual excellence.

continued from page 48 native and cultivated plants to become one. This garden is the perfect place to stop and sip a cup of aromatic tea laced with thyme.

Fairmount Park Commission

Memorial Hall West Fairmount Park Philadelphia, PA 19131 William E. Mifflin/ James A. Donaghy, Co-Chairs

The Garden Path

View the garden's serpentine path from various vantage points, and you will view groupings of usual and unusual plants. The subtle color combinations and textures are restful yet interesting. Drifts of bulbs and perennials emphasize the walk and create pockets of mystery to give the illusion of larger space.

Florist Transworld Delivery

Flowers by Bill 157 Garrett Ave. Rosemont, PA 19010 Joseph Giangiulio, Chair

Fun with Flowers and Plants

The floral industry is an everchanging enterprise catering to the individual preferences and increasingly exotic demands of today's customer. This exhibit demonstrates, with a bit of whimsy and drama, a wealth of plants and floral arrangements arranged in a flower shop setting. Merlin Olsen will be on hand to greet visitors for FTD.

Friends Hospital

4641 Roosevelt Boulevard Philadelphia, PA 19124-2399 Martha C. Straus/Ron Durham, Co-Chairs

Horticultural Therapy: A Sensory Experience

Horticultural therapy uses plants and their properties to help improve people's bodies, minds and spirits through stimulating their sense of taste, touch, smell, sight and hearing. The walk-through garden is divided into sections containing demonstration plants chosen to excite these five senses. Visitors are invited to enjoy the sights and sounds — grasses rustling in the breeze, a small fountain trickling water and wonderful smells from our fragrant garden.

continued

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Gale Nurseries Inc. — Central Feature

1716 Schoolhouse Rd. Gwynedd, PA 19436 Charles H. Gale, Chair

Purely for Pleasure

Dancing fountains, garden settings and masses of magnificent blooming roses greet visitors to this year's Flower Show. A walk-through garden features more than 1,000 perennials, a veritable seed catalog of varieties to satisfy all gardeners. A garden of tree roses, hybrids, mass shrub roses and miniatures combine to create a fluid rainbow of color as they cluster around the gazing pool and are reflected in a shimmer of light and water. Spring-blooming bulbs, annuals and biennials set this oldfashioned summer garden aglow with color and texture — this is Purely for Pleasure . . . Gardens for the Senses.

Garden Club of Monaco

Pavillon Bosio Avenue des Pins MC 98000-Monaco

Her Serene Highness Princess Caroline of Monaco, President

Exhibitors: Annette Aerts Harriett Groote Jeanne Nolibe

Richard Seren Service de l'Urbanisme et de la Construction (Division Jardins) Principante de Monaco

Garden Club of Philadelphia

Lewis Lane Ambler, PA 19002 Marban Sparkman, President Cynthia Cheston, Patter Peterson, Ann Reed, Exhibit Chairs

French Liberty, American Independence

This collaborative display with the Garden Clubs of Monaco and Philadelphia transports you to a palatial balcony overlooking the famous harbor at Monte Carlo. Glimpse this opulent life complete with rich furnishings, lush plants and magnificent roses. Enjoy the unmistakable touch of elegance that prevails as the French and the Americans jointly celebrate their liberty and independence.

Peter Hellberg Company

Royer's Flower Link 810 S. 12th Street Lebanon, PA 17042 Ken Royer, Chair

Thoughtfulness Brings Pleasure

Expressions made with flowers are meaningful and memorable — enjoy the beauty and appropriateness of floral combinations and arrangements selected for their suitability to provide the most eloquent expression of your thoughtfulness.

Highmeadow Gardens, Inc.

684 S. New Middletown Road Media, PA 19063 Wayne R. Norton, Chair

A Heightened Sense

Life among the trees should reach new heights in this treetop hideaway. From the heightened tree seat, delight in the blissful garden scene below. The view unveils a cobblestone terrace surrounded by flowering trees and shrubs and an amazing panorama of colorful wildflowers and perennials. A reflecting pool and small waterfall, serve to titillate the senses with crisp reflections and soothing sounds. Once you've ascended to new heights and are safely ensconced in the branches, you'll find a dumbwaiter at your service, waiting to whisk you a refreshing cooler — adding to your heightened sense of pleasure. This felicitous paradise is a garden purely for pleasure, no room for schedules or anxiety here.

Holly Society of America Inc. Delaware Valley Chapter

309 North Orange Street Media, PA 19063 Harry F. Foulke, Chair

Ilex is Holly

From the Pilgrim settlement in 1627 to the Philadelphia Flower Show of 1990, holly has been a garden treasure. The Orient, England, South America, the Canary Islands and our American species contribute untold variety. The Holly Society shares examples of holly varieties that do well here.

Ikebana International Philadelphia Chapter

57 Allendale Road Philadelphia, PA 19151 Ronell Douglass, Chair

Joy of Expression

The Japanese manner of arranging flowers is explored through the use of flowers, other plants and man-made objects. The viewer will learn how line, mass and space are used to give a feeling of serenity, simplicity and beauty.

Im Wha Kong

Seoul, Korea c/o Mary Sapp 13 Toft Woods Way Media, PA 19063 Mrs. Im Wha Kong, Chair

A World of Pleasure

Bringing a fresh concept to the ancient art of oriental flower arranging with her generous use of wooded material and her unique combinations of flowers, Mrs. Im strives to promote international friendship among all flower lovers. Displayed in the dramatic satin sheen porcelain containers made in her woodfired kiln in the hills of Korea, Mrs. Im has presented her art the world over from the Chelsea Flower Show, London, to Lima, Peru. Elegant simplicity and naturalness dominate each arrangement.

International Trade Center

One World Trade Center — Suite 1513 New York, NY 10048 Dr. Lucio Caputo, Chair

"Flowers from Liguria" The Italian Riviera

Prized the world over for their color, vigor and durability, the flowers of Liguria — carnations, lilies, anthuriums, orchids and

continued on page 57



Purely for Pleasure...

Enjoy a garden that changes with the seasons. Relax to the trickling sound of water. At Snipes we help you design the best garden for your lifestyle. From plant selection and do-it-yourself planting to custom estate design and installation.

Whether you need flowering plants for spring and summer color, a few trees for shade, evergreens for a privacy screen or windbreak, or complete Landscape services our certified trained horticulturists are on staff seven days a week to assist you.

Our Garden Centers also offer a full line of tools, seeds, house plants and safe non-chemical solutions to all your gardening needs.

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- · Nursery and Garden Center
- · Indoor plants for home and office
- · Outdoor furniture
- · Water Gardens and pools
- · Garden Statuary





continued from page 54 birds of paradise — are arranged and displayed by Liguria's famous floral designers Aldo and Mimma Alberti.

Daniel G. Kepich & Associates

Box 152, 3425 Holicong Road Holicong, PA 18928 Daniel Kepich, Chair

A Bit of Tranquility

Inspired by a piece of Bucks
County, this quaint cottage nestles
among lush gardens beneath the
towering cliffs. Listen to the
mountain stream as it tumbles
down the rock face past
rhododendrons, fern and
columbine. Relax with us and
enjoy this precious bit of
tranquility.

Land Design & Construction Co./ Whitemarsh Nursery

17 East Stenton Avenue Plymouth Meeting, PA 19462 Duane C. McCarthy, Chair

Timeless Treasure

Green expanses of lawn and a simple reflective pond create a pleasing focus in this understated 18th century English country garden. Weathered stone, old walls and granite steps delineate changes in grade, while grit paths diverge through the plantings. Gaily colored flowers give vibrancy to the space against an overall impression of texture and subdued palette. Small evergreens and rhododendrons mixed with large pines and cedars create a restrained but luminous quality in this garden. Thoughtful details, simple but evocative garden objects, and rich plantings throughout combine to impart our sense of the pleasures to be found in an English garden.

Landscaping by Ledden's

Staged by Landcrafters 647 N. Aurffville Rd. Deptford, NJ 08096 Greg W. Deibert Jr., Chair

Far East

Enjoy the sights and sounds of the serene setting of an oriental garden. Let the sounds of a cascading waterfall, windchime and

continued on page 59

TOP SOIL

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1320 Route 309, 3 miles north of Quakertown, PA Phone (215) 536-4604

Monday thru Saturday 10 to 5 • Sundays 12 to 5

continued from page 57

sounding rock lull you into a most relaxing state. Marvel at the variety of textured plantings — hollies, ferns, black pines and bamboo.

David Lautt Florist, Inc.

10783 Bustleton Avenue Philadelphia, PA 19116 David Lautt, Chair

Pretty in Pink

Topiaries, garden statues and masses of flowers in shades of pink, rose, mauve and magenta provide a marvelous background for a party. Three dynamic centerpiece arrangements, although styled differently, illustrate how well this color scheme blends when grouped together in the same room. Special attention is given to texture and color, showing diversity and imagination to delight the senses.

LeRoy's Flowers & Gifts, Inc.

16 North York Road Hatboro, PA 19040 LeRoy LaBold, Chair

Enchantment

A colorful fantasy garden filled with flowers is captured at the stroke of midnight. A fairytale kingdom complete with an elegant carriage waits to whisk away the enchanted couple from their perfect romantic evening.

Mansmann Liskey Landscape Contractors

23 Prospect Avenue Frazer, PA 19355 Ken Liskey, Chair

A Garden Sanctuary

In the shaded pool house, change your attire. As you emerge to face the oppressive humidity of the day, your feet encounter the sensation of cool stone steps and plush soft lawn. Your pace quickens as you dance across the stone terrace and climb into the raised spa, enveloped by fragrant, colorful plantings. You are rejuvenated in your garden sanctuary.

McNaughton's Nurseries, Inc.

351 Kresson Road Cherry Hill, NJ 08034 Harry A. Gamble, Chair

Garden Elegance

Many gardeners dream of bringing gardens indoors. Imagine the color and fragrance of plants right in your own home. Relax in your comfortable wicker chair surrounded by horticultural splendor. Walk from the conservatory in the morning to savor brunch on the circular brick patio. Then stroll through the garden to the warm comfort of a teak bench where you can sit to experience the intriguing living sculpture.

Meadowbrook Farm

1633 Washington Lane Meadowbrook, PA 19046 Charles W. Rogers, Jr., Chair

A Garden for Beatrix Potter and "Friends"

Join Beatrix Potter's friends, Jemima Puddle-Duck, Jeremy Frog and the always popular Flopsy, Mopsy, Cotton-Tail and Peter, as they enjoy the pleasures of an English garden. A large evergreen background, a handsome trellis and gazebo provide a setting for the lush gardens filled with spring blossoms. Combined with a garden plot just for Peter, we have a place for the senses of childhood remembered.

Robert W. Montgomery Landscape Nursery

Box 67-C, Route 113 Chester Springs, PA 19425 Bruce Rawlings, Chair

Wedding of the Senses

Open all your senses to this garden of many delights. The romantic summer pavilion of lacy wood latticework offers an intimate place for relaxing and entertaining. From the flagstone terrace, the allée invites a stroll along a gravel path through a colorful, fragrant border garden. The soothing sound of water enhances a restful spot for

contemplation. Become one with your garden as you savor its enduring pleasures.

Pennsylvania Bonsai Society

Box 502, RD #1 Honey Brook, PA 19344 Howard McNeal, Chair

Bonsai

Bonsai, the art of cultivating trees and shrubs as miniature forms of their larger counterparts in the wild, is explored in this exquisite display of specimens grown by members of the Pennsylvania Bonsai Society. The plants are organized in the Seki-Kazari manner, Japanese meaning "displayed in individual booths."

Pennsylvania Dept. of Environmental Resources, Bureau of Forestry

P.O. Box 1467 Harrisburg, PA 17105-1467 Duane E. Carson, Chair

Conserving Our Wetlands

Forest wetlands are found throughout Pennsylvania. The wetlands are home to many wonderful creatures and species of vegetation. This display depicts a typical forest wetlands with plants in danger of extinction. Moss-covered pathways lined with skunk cabbage follow a stream that leads to a small bog. Cattails and rhododendron appear throughout adding color and texture to this natural scene.

Pennsylvania Nurserymen's Association, E-I Chapter

c/o Fred Spicer Snipes Farm & Nursery US 1, Route 13 Morrisville, PA 19067 Herb Bieberfeld, Chair

Spring Paisley

A celebration of the vernal season with its riotous colorful display will awaken us from the drowsy winter doldrums. Stroll through at your leisure to contemplate sculpture or to admire your reflection in the pond. Tempted to pick

continued

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a flower for a loved one? This garden turns the under-used corner of a yard into a much-admired focal point.

Penn State Cooperative Extension Service

4601 Market Street. 3rd Floor Philadelphia, PA 19139 Andrew McNitt, Chair

Through Your Mind's Eye

Come and experience a garden designed and hosted by visually impaired individuals. With cooperation from the Associated Services for the Blind, this exquisite backyard landscape is modeled after a number of sight-impaired individuals' gardens. Both a horticultural and social learning experience, this display taps the sight-impaired person's expertise in container gardening and plant selection that will appeal to the senses.

Philadelphia Cactus & Succulent Society

3 Rock Ridge Road — Castle Rock Newtown Square, PA 19073 William D'Angelo, Chair

Focus on Exotic Cacti and Succulent Plants of the World

Cacti and succulents provide throngs of busy people with a chance to grow plants that thrive with a minimum of attention. Many varieties suitable for growing indoors and outdoors are displayed, including varieties that can survive severe winters and dry conditions.

Philadelphia Electric Company

4040 Chestnut Street Philadelphia. PA 19104 Warren E. Baumgartner. Chair

Preserving the Beauty of Wildflowers

The Susquehanna River Valley has many glens filled with beautiful wildflowers. A few of these areas are protected for their splendor and for the rarity of certain plant species. Philadelphia Electric has agreed with the Nature Conservancy to protect

these threatened areas filled with endangered plant species. Conowingo Fisherman's Park, an officially designated Wildflower Natural Area, will be open to the public in spring, 1990, with scheduled tours.

Philadelphia Green

Pennsylvania Horticultural Society 325 Walnut Street Philadelphia, PA 19106 Anne Vallery, Chair

Garden Treasures, Community Pleasures

Golden wildflowers weave a "ribbon of gold" in a garden filled with found "treasures." Old tubs, sinks and tires spill over with colorful foliage and flowers. A special garden for children boasts fragrant plantings of geranium, lavender and herbs as busy "bees" work nearby to gather the floral nectar. This is the community garden, alive with activity: plants are traded and seeds exchanged. The community gardens are also a place for repose and relaxation. Philadelphia is home to more than 700 community gardens through the support of the Pennsylvania Horticultural Society's Philadelphia Green Program. Here are some of the interesting features found in gardens throughout the City, showcasing gardener's talents and efforts.

Philadelphia Water Department

1101 Market Street, 3rd Floor Philadelphia. PA 19107 Maureen Sullivan, Chair

Compost Makes Scents

Learn the many benefits of using compost made from recycled sewage sludge. More than a fill for reclaimed land, this odor-free, soil-enriching amendment is a great compost for flower gardens and landscaped areas. The process of turning raw sewage sludge into this "miracle" product is shown in a photo mural.

Robertson of Chestnut Hill

George Robertson & Sons. Inc. 8501 Germantown Avenue Philadelphia, PA 19118 Bruce Robertson, Chair

Hail, Botanica!

A section of a walled garden somewhere at Eden's Edge is home to a profusion of cut flowers, foliage and flowering plants. The display, arranged unrestrainedly and in combinations imaginative, fresh and original, provides the viewer with an appreciation of composition and color and a responsiveness to texture and tone.

Romano's Landscaping

508 Lakeview Avenue Pitman, NJ 08071 Peter Romano. Chair

Endless Dream

Dream away all your cares and worries in this peaceful hillside retreat. Enjoy the trail of blooming rhododendron and azaleas and breathe in the country fresh air beneath the pine trees. The sound of falling water gently brings you to a place where only the imagination can wander.

Rosade Bonsai Studio

303 Ely Road. RD =1 New Hope, PA 18939 F. Chase Rosade, Chair

The Pleasure of Bonsai — The Illusion of Nature in Miniature

The setting is a Japanese-style garden. As your eye takes in the familiar surroundings — the pine forest, the maple and elm trees — something has occurred as if by magic, all of the plantings are dwarfed. But it's not magic, just the ancient art of Bonsai. This display shows visitors how they can create these living miniatures using old world techniques of wiring, pruning, and mosses and groundcovers to convey the scale of a large tree in a container.

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This Philadelphia Main Line garden received the top "Award of Excellence" presented by the Pennsylvania Nurserymen's Association. The garden features four strong seasonal presentations. The winter scene, demonstrating bold linear design, was recently chosen for publication in Town and Country magazine. A spacious comfortable, entertaining area completes this garden setting.

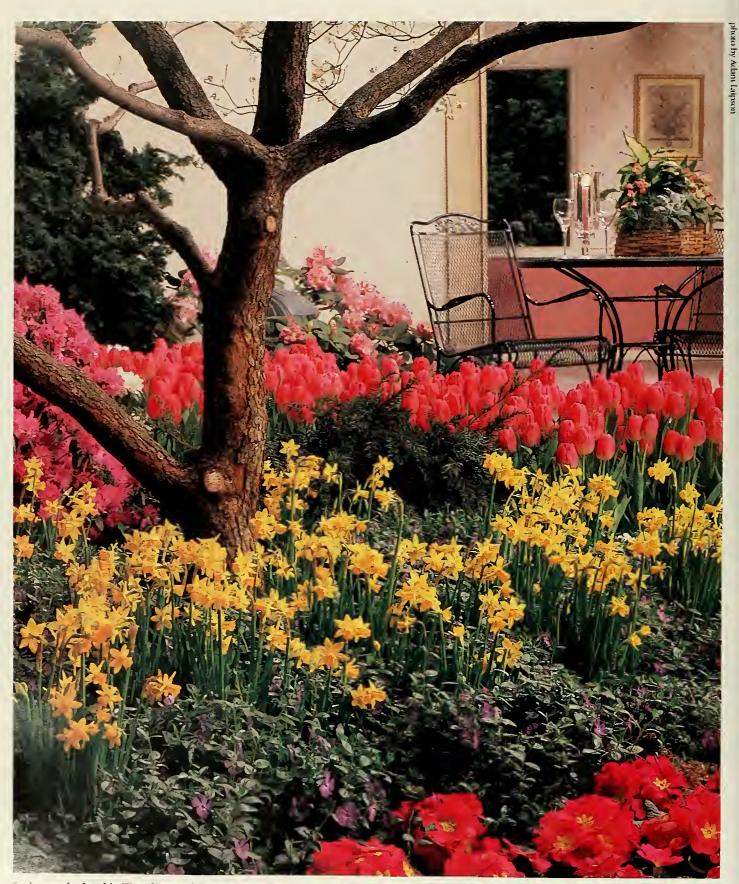
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Spring, as depicted in Waterloo Gardens' 1989 Central Feature "Color through the Seasons." Waterloo's exhibit received the 1989 Philadelphia Flower Show Inc. Silver Trophy for the most distinctive professional garden in the show.

continued

Jamie Rothstein Floral Design

313 Cherry Street Philadelphia, PA 19106 Jamie Rothstein, Chair

The Garden Wedding

Assured elegance and a delightful sense of event and festivity join forces in this garden wedding setting. A sense of romance fills the air as the perfume of fresh-cut flowers arranged in a massive explosion of color encompass the married couple and their guests.

School District of Philadelphia

Staged by Abraham Lincoln High School Horticultural Academy and Walter B. Saul High School of Agricultural Sciences Ryan & Rowland Avenues Philadelphia, PA 19136 David Kipphut, Chair

Horticulture in the Classroom, Past, Present, and Future

The study of the plant kingdom, whether in an elementary classroom, a high school botany class or a vocational horticultural laboratory, is an integral part of a student's education. This display begins with a fond look at the role plants played in yesterday's classroom, then turns to the present, with its modern approach to horticultural education, finishing with a peek at the future.

South Jersey Orchid Society

325 S. Cummings Avenue Glassboro, NJ 08028 Carla Vandegrift, Chair

Orchid Essence

Enter this sensual orchid-filled garden. Rushing waterfalls create a vibrancy in the lush tropical scene. Orchids, the gentle sunbeams of the garden, radiate orange, white and yellow tones. Here the spirit is elevated and the being restored.

Stoney Bank Nurseries

61 Stoney Bank Road Glen Mills, PA 19342 Jack Blandy, Chair

Nature's Retreat

Your day can begin or end in this soothing, natural retreat. Relax in the hammock or on the garden bench while you enjoy the sights, sounds and perfume of

nature. A garden pool and bubbling bath provide a delightful focus to this lush hideaway of rhododendrons, azaleas, ferns and

J. Franklin Styer Nurseries, Inc.

914 Baltimore Pike, P.O. Box 98 Concordville, PA 19331 Paul W. Tickle, Chair

Everyman's Garden

Select design elements — line, form and texture — transform a typical wooded yard setting. Plants, water, wood and stone are combined to organize and enhance nature, creating a haven any man and woman can duplicate and enjoy.

Teleflora

Edgemont Flower Shop 934 Providence Road Media, PA 19063 Bernadette Dougherty/ Tony Volpe, Co-Chairs

What's Your Pleasure?

The Speakeasy, the Era, the excitement! Flowers camouflage the forbidden during the time of Prohibition. Enjoy the large, colorful, masterfully designed beauty of flowers in surroundings that are today accepted and taken for granted.

Temple University/ **Ambler Campus**

Dept. of Horticulture/ Landscape Design 580 Meetinghouse Road Ambler, PA 19002-3994 S. Edgar David/Alice Bissell, Co-Chairs

The Senses of Endangered Landscapes

Experience the unique atmosphere of two endangered landscapes and realize how every place is an expression of the indigenous ecology. The disappearing tropical rain forest filled with sounds of wildlife dark, lush and humid — is of global significance ecologically. The coastal dunes, expansive and dynamic, protect our shoreline from the ravages of the sea. Both environments are threatened by man's reckless disturbances. This exhibit helps us understand and

learn more about protecting our endangered landscapes.

Waldor Orchids, Inc.

10 East Poplar Avenue Linwood, NJ 08221 Walter Off, Chair

California Dreaming

In Southern California where the temperature remains moderate year round, cymbidiums and other cool-growing orchids are used in landscaping and on patios. The patio of this California rancher provides an enchanting view of the swimming pool and the natural waterfall below. One can enjoy the privacy and serenity while taking in the fragrance and beauty of the lush surroundings.

Waterloo Gardens, Inc.

200 North Whitford Road Exton, PA 19341 Thomas Tomlinson, Chair

Harmony in Design

Design your world with a sense of harmony and self-expression. Move fluidly from fun to tranquility — delighting all your senses. Heady aromas of parsley, sage, rosemary and thyme envelop you in our gourmet kitchen garden. Gaze through the garden gate into a lush entertaining area, radiant with vivid annuals and perennials. In the midst of the fun, harmonious windchimes beckon you to wander the grassy path by pond's edge to a tranquil gazebo. Harmony through design touching senses not engaged during the busy day.

Zoological Society of Philadelphia

34th Street & Girard Avenue Philadelphia, PA 19104 Frank Russo, Chair

Take the Party Outside

A spring party in the animal garden. Gourmet food and fine wine awaken your tastebuds as you dine amidst the scent of primroses, the color of rhododendrons and the splendid sound of exotic birds. Revel in the ambiance of the lush springtime setting of the Zoo.

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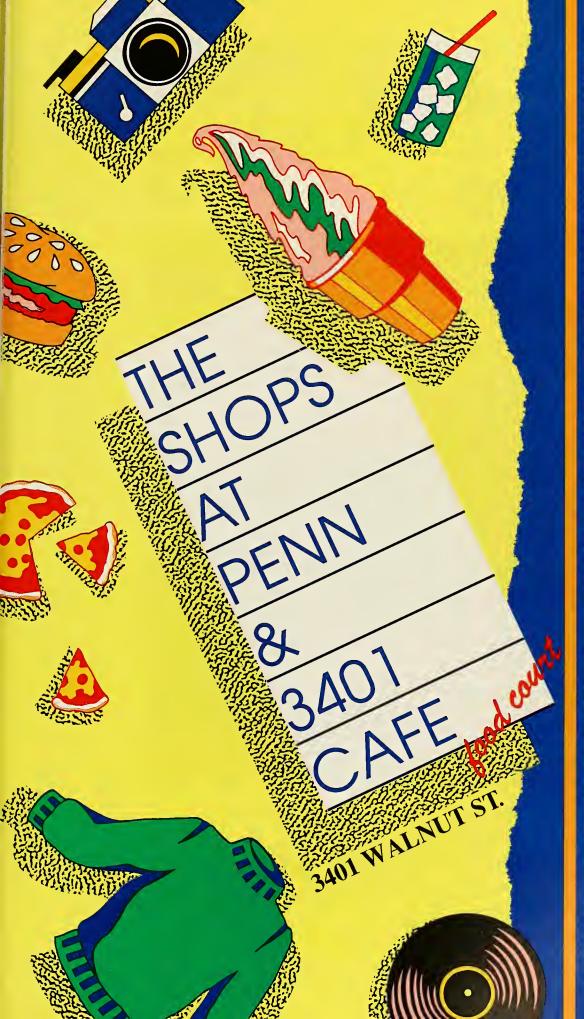
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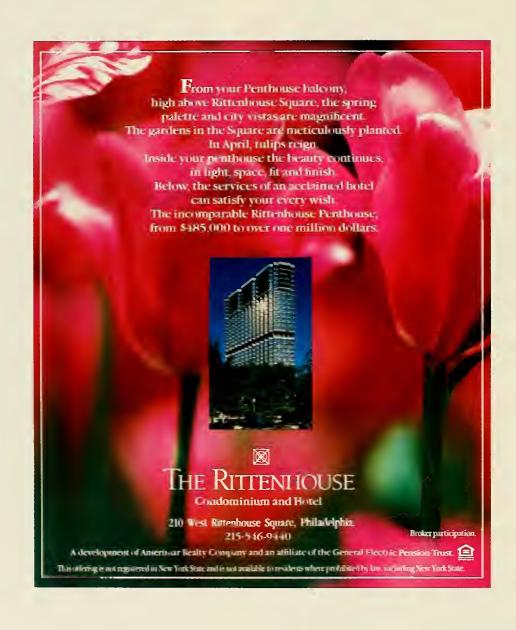
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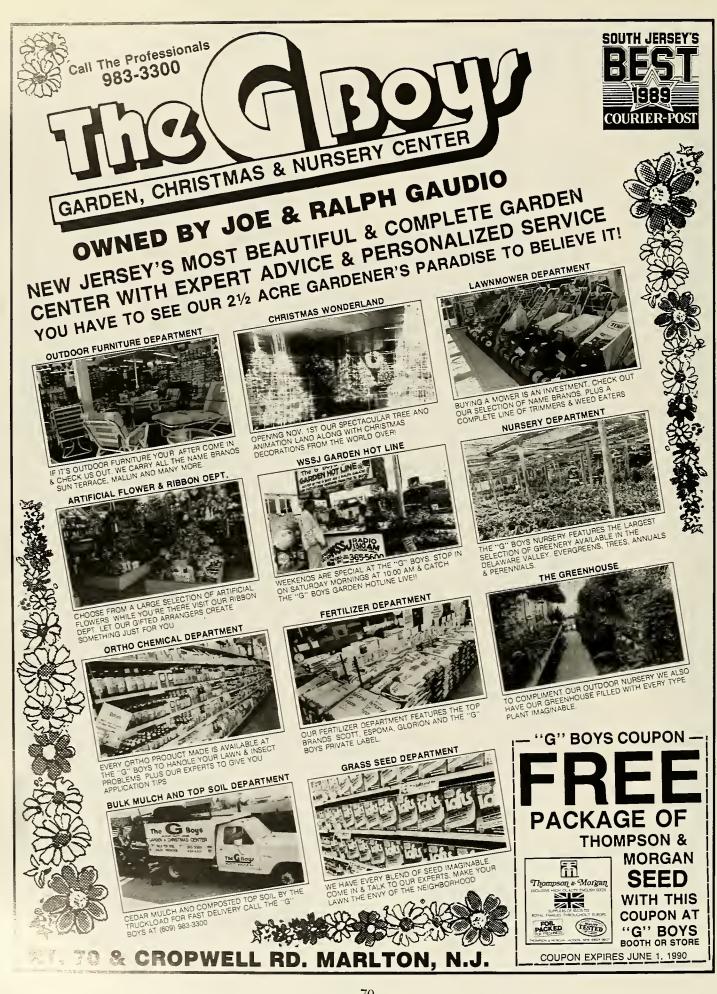




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Philadelphia Flower Show Competitive Classes



"Subtly seductive," raved the judges, awarding a first to Hazel Stith for her arrangement of calla lilies, aspidistra and beargrass for Two's Company, a 1989 medium niche. Stith is a member of Our Garden Club of Philadelphia and Vicinity.

Exhibitors entered 256 Competitive Classes in the 1990 Flower Show: Niches, Miniature Arrangements, Defined and Open Space Arrangements, Rooms & Tables, Miniature Settings, Designs for Pressed Plant Material, Gardens, Shop Fronts, Windowsills, Container Displays, Collections and Horticultural Classes.

How to enter the 1991 Flower Show Competitive Classes

The Pennsylvania Horticultural Society will mail an exhibitor's schedule and guide to all members in September 1990. If you are not a member and wish to receive a schedule, write to Flower Show Secretary, Pennsylvania Horticultural Society, 325 Walnut Street, Philadelphia, PA 19106-2777.



Anne Hayes took a first for Color Impact in the 1989 Open Space class. The judges praised the mass arrangement, noting the "vibrant use of color has achieved a feeling of contentment." Hayes is a member of Old Eagle Garden Club.



The Chestnut Hill Garden Club won a second for their 1989 room exhibit in Patches of Color: a section of a room inspired by a quilt. Exhibit co-chairs were Elizabeth S. Browning and Jean Wright.

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shrubbery

First Prize Winner Philadelphia Flower Show

decks

pathways

terraces

wall

water races

Competitive Classes continued from page 73



Twin Valleys Garden Club won first place in the 1989 Window Box class. Pat Howse chaired the exhibit.



Audrey Nichols and Penelope Harris's entwined lemon leaves with Easter lilies earned a first as well as accolades from the judges:
"Smashing!" Their entry in the
1989 large niche class "Pattern on
Pattern," was "pattern
personified." Nichols and Harris
are members of the Garden Club of Philadelphia.



Competitive Classes

Alberta Melloy of Winterthur Museum created this mass arrangement for the 1989 large niche class Color Play. It won a first.



Yin & Yang by Virginia Simonin of the Wissahickon Garden Club. "Perfect execution and balance. Relationship of plants to marbleized elements is extraordinary," praised the judges when awarding 1989 small niche entry a first.

The Weeders 1989 Porch entry "On the Sunny Side of the Street" won a first. Beverly Jennings and Elizabeth Dawson cochaired the exhibit.





A Miniature Setting. This tiny setting, 3 ft. x 3 ft., is called Philadelphia Green. It shows a sitting garden, similar to those constructed by neighbors in cooperation with PHS's Philadelphia Green staff. The miniature setting was designed and constructed by Dorothy and Robert Freeman and Lisa Freeman. Dorothy Freeman is a member of The Planters.



"Unusually creative and compatible combination of 'found materials.' "
Elinor Greene's 1989 small niche entry featuring star of Bethlehem and statice in Scavenger Hunt won a first and high marks from the judges. Greene is a member of the Garden Club of Philadelphia.

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Competitive Class Entries



A first in 1989 table class Over the Rainbow for Our Garden Club of Philadelphia and Vicinity, co-chaired by Lois Gross and Jean Lewis.

Rooms

Rich and Karen Batcho

Conestoga Garden Club Sandy Morris, *Co-Chair* Sue Muench, *Co-Chair*

The Country Gardeners

Marcie Brooks, *Chair*Jeanette Burke, *Vice-Chair*

Maple Glen Garden Club Judy Finestone, *Chair* Barbara Srinivasan, *Vice-Chair*

Mill Creek Valley Garden Club Nancy Cornman, Co-Chair Frieda Woodruff. Co-Chair

Old Eagle Garden Club Beth Butler, *Co-Chair* Anne Hayes, *Co-Chair* Pat McLoud, *Co-Chair*

Rose Tree Gardeners Sibby Toland, *Co-Chair* Emily Williamson, *Co-Chair*

Stony Brook Garden Club Lynn Dawes, *Co-Chair* Wendy Hopper, *Co-Chair*

Tables

Garden Club of Bala Cynwyd Bette Hamilton, *Co-Chair* Betty Persons, *Co-Chair*

Greene Countrie Garden Club Lynn Deming, Co-Chair Diane Hanson, Co-Chair

Laurel Lea Garden Club Lucy Hoch, Co-Chair Terry Hoyt, Co-Chair

Providence Garden Club Sue Clayton, Co-Chair Fran Pessel, Co-Chair Sue Thorbahn, Co-Chair

Random Garden Club Kathy Biddle, *Co-Chair* Dorothy Morrow, *Co-Chair*

Seed and Weed Garden Club Ann Schafer, *Chair* Betty Michell, *Vice-Chair*

Shawosa Garden Club Molly Carpenter, *Co-Chair* Estelle Sherman, *Co-Chair* Wissahickon Garden Club Georgia Doyle, *Co-Chair* Bonnie McCausland, *Co-Chair*

Windowsills

Counter Productive

Bancroft Garden Club Katey Reuter, *Chair*

Garden Club of Philadelphia Ellen Smith, *Chair* Sally Johnson, *Vice-Chair*

Outdoor Gardeners
Jean Maus, *Chair*Leah Riband, *Vice-Chair*

University of Delaware Horticulture Club Kirk Bullock, *Co-Chair* Shawn Harrington, *Co-Chair*

Window Works

Chestnut Hill Garden Club Sandy Connelly, *Co-Chair* Pam Leighton, *Co-Chair*

Jonathan Frank and Ed Lindemann

continued

J/M Associates

Sally Jacobs, *Co-Chair* Joanne Morris, *Co-Chair*

Junior League Sustainers Garden Club

Sally Garfield, Co-Chair Virginia Price, Co-Chair

Miniature Settings

A Night on the Town

Anne Adriance and Minis of Princeton Associates

Chris Drake and Ed Van Sciver

Mr. and Mrs. Robert S. Freeman and Lisa H. Freeman

Jayne and Ben McCormick

M. Jane Smyth and Becky Smyth

A Day on the Town

Eleanor McDonald

Mary Nichols, Jane Clifford and Sally McGucken

Barbara Olejnik, Anne Vallery and Gia Degenova

Joanne Shinkle, Carol MacCluskie and Helen Cohen

Sandra Trump and Vanessa Peirce

Gardens

Four Counties Garden Club Mary B. Hopkins, *Chair*

The Garden Workers

Topsy Cunningham, *Co-Chair* Phee Grandbois, *Co-Chair*

The Weeders

Beverly Jennings, *Co-Chair* Nancy Thayer, *Co-Chair*

Wissahickon Garden Club

Alice Farley, *Chair* Susan Stauffer, *Vice-Chair*

Avenue of Shoppes

Greene Countrie Garden Club Mary Ann Thomas, *Chair* Judy Davis, *Vice-Chair*

Huntingdon Valley Garden Club

Liz Kindt, *Co-Chair* Natalie Thomas, *Co-Chair*

Men's Garden Club of Philadelphia

Stanley M.P. Amey, Co-Chair James C. Stretch Jr., Co-Chair

Moorestown Garden Club

Midge Ingersoll, *Co-Chair* Evelyn Seaton, *Co-Chair*

Norristown Garden Club

Charlotte Cunningham, Co-Chair Carol Schiller, Co-Chair

Penn Valley Garden Club

Jan Clarke, *Chair*Chris Jackson, *First Vice-Chair*Pixie Constantine, *Second Vice-Chair*

Container Display All Decked Out

Garden Club of Trenton

Virginia Schumk, *Co-Chair* Nancy Vaga, *Co-Chair*

Garden Club of Wilmington

Katharine Schutt, *Chair* Lonnie Dobbs, *Vice-Chair*

The Gardeners

Sidney Spahr, *Chair* Vicki Benzel, *Vice-Chair*

Germantown Garden Club Evajune Smith, Co-Chair

Evajune Smith, Co-Chair Chris Steve, Co-Chair

West Chester Garden Club

Eleanor Cleveland, *Co-Chair* Mary Hill, *Co-Chair*

Woodland Garden Club

Gail Kolb, *Co-Chair*Marie Schneider, *Co-Chair*

Horticultural Collections

Collector's Choice

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Julie Morris and Lee Morris Raden

Plants for Pleasure

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The Planters

Elizabeth McLean, Chair Esther Collet, Vice-Chair

Nanci Walsh and Joan Snear

Michael and Sally Yow



"A botanical and aesthetic tour de force," proclaimed the judges who awarded this botanical collection the "Best of Day" in the horticultural classes on opening day at the 1989 Flower Show. The unusual collection of 46 plants was culled from among 183 plants forced by exhibitors Julie Morris of Newport, Rhode Island and Lee M. Raden of Phoenixville, Pennsylvania. Morris and Raden are members of the American Rock Garden Society.



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1990 Flower Show Lectures & Demonstrations

WHERE: All sessions will take place in the third floor Auditorium, at the top of the escalators behind the Market Place area.

This schedule is subject to change. Updates will be posted daily on pillars throughout the Show floor.

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- 11:30 **Fun with Flowers** Allied Florists
- 1:00 **Ikebana** Phyllis Weeks, Ohara School of Ikebana
- 2:30 Oriental Flower Arranging Im Wha Kong, Flower Arranger, Korea
- 4:00 Pools and Ponds Don Schnoor, Lotus of America

MONDAY, MARCH 12

- 11:00 Fun with Flowers Allied Florists
- 12:30 Ikebana Helen Flaig, Ikenobo School of Ikebana
- 2:00 Fun with Flowers Allied Florists
- 3:30 **Making Terrariums** Denise Jefferson, Philadelphia Green & Rick Draper, Penn State Urban Gardening Program
- 5:00 **Fun with Flowers** Allied Florists

TUESDAY, MARCH 13

- 11:00 Dried Flower Arrangements Rita Precopio & Helen Knauff
- 12:30 **Ikebana** Helen Flaig, Ikenobo School of Ikebana
- 2:00 Houseplant Propagation Philadelphia Green Staff
- 3:30 **Ikebana** Yuri Moriuchi, Ikenobo School of Ikebana
- 5:00 Ikebana Ann Perry, Ohara School of Ikebana

WEDNESDAY, MARCH 14

- 11:00 Fun with Flowers Allied Florists
- 12:30 Ikebana Mariko Ono, Sogetsu School of Ikebana
- 2:00 Fun with Flowers Allied Florists
- 3:30 **Fruit for the Home Garden** Jeff Jabco, Penn State Extension Service, Delaware County
- 5:00 Fun with Flowers Allied Florists

THURSDAY, MARCH 15

- 11:00 Fun with Flowers Allied Florists
- 12:30 African Violets Frank Tinari, Sr., Tinari Greenhouses
- 2:00 Fun with Flowers Allied Florists
- 3:30 **Ikebana** Bernice Makin, Ohara School of Ikebana
- 5:00 Fun with Flowers Allied Florists

FRIDAY, MARCH 16

- 11:00 Fun with Flowers Allied Florists
- 12:30 **Ikebana** Ronell Douglass & Marcelle Pick, Ohara School of Ikebana
- 2:00 **Fun with Flowers** Allied Florists
- 3:30 Orchids in the Home Walt Off, Waldor Orchids
- 5:00 Fun with Flowers Allied Florists
- 7:00 Water Gardening Pools, Ponds & Plants Don Schnoor, Lotus of America

SATURDAY, MARCH 17

- 11:00 Fun with Flowers Allied Florists
- 12:30 **Dahlias** Jack Soret, Greater Philadelphia Dahlia Society
- 2:00 Fun with Flowers Allied Florists
- 3:30 **Ikebana** Lorraine Toji & Shigeko Kawano, Sogetsu School of Ikebana
- 5:00 Fun with Flowers Allied Florists

SUNDAY, MARCH 18

- 12:30 Fun with Flowers Allied Florists
- 2:00 Bonsai Chase Rosade, Rosade Bonsai



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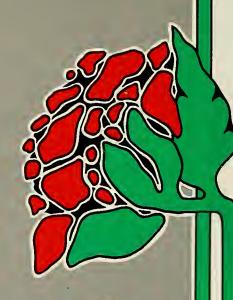
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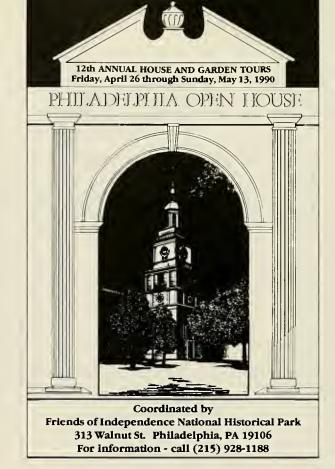


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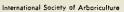


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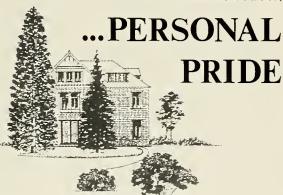
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Exhibits will be judged daily (except on Sunday, March 18) and "Best of the Week" will be named on Saturday, March 17.

Sally Graham and Sandy Manthorpe Co-Chairs, Florists' Invitational

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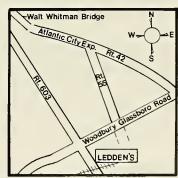
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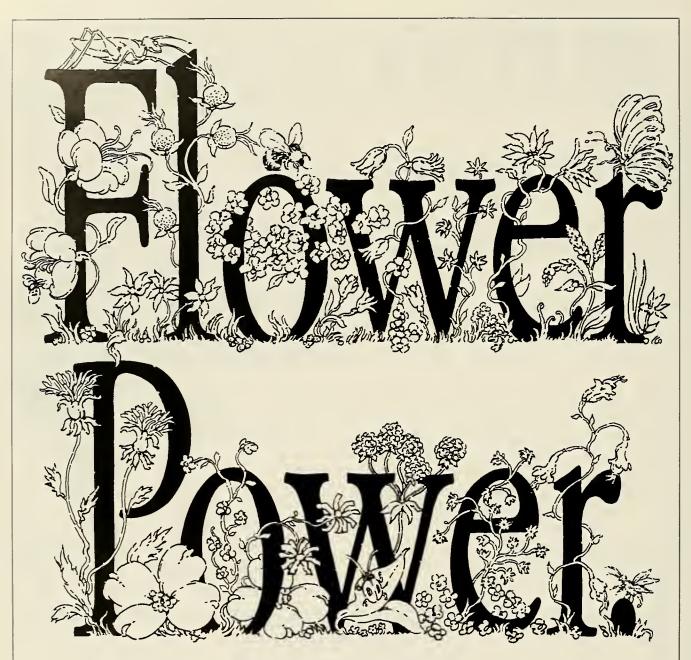
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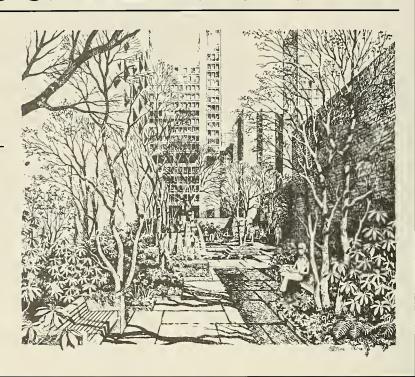
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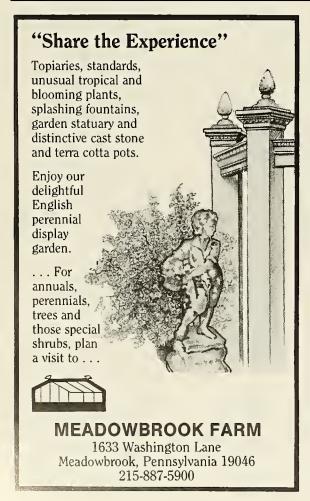
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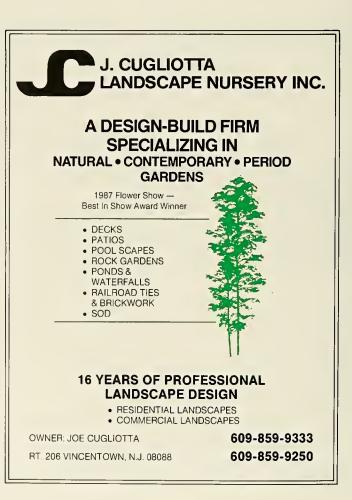
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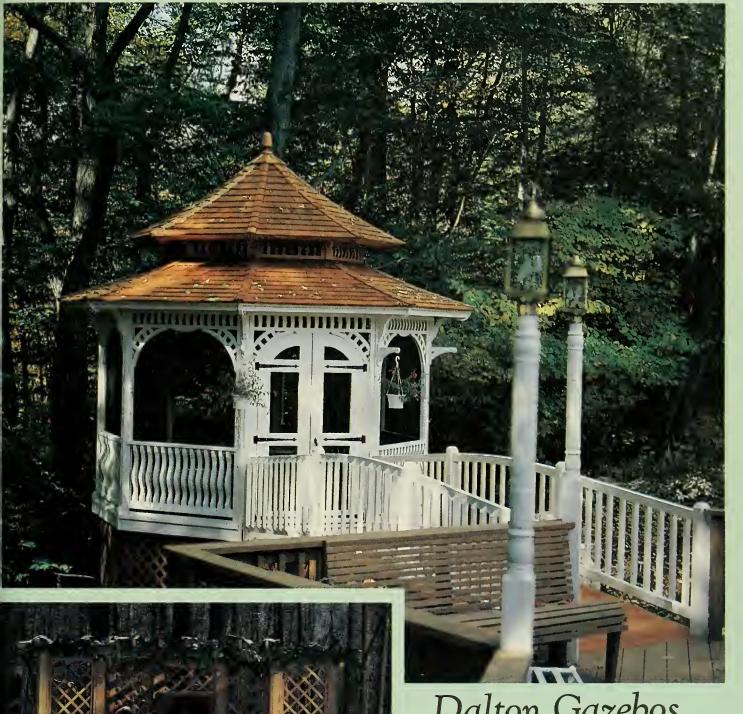
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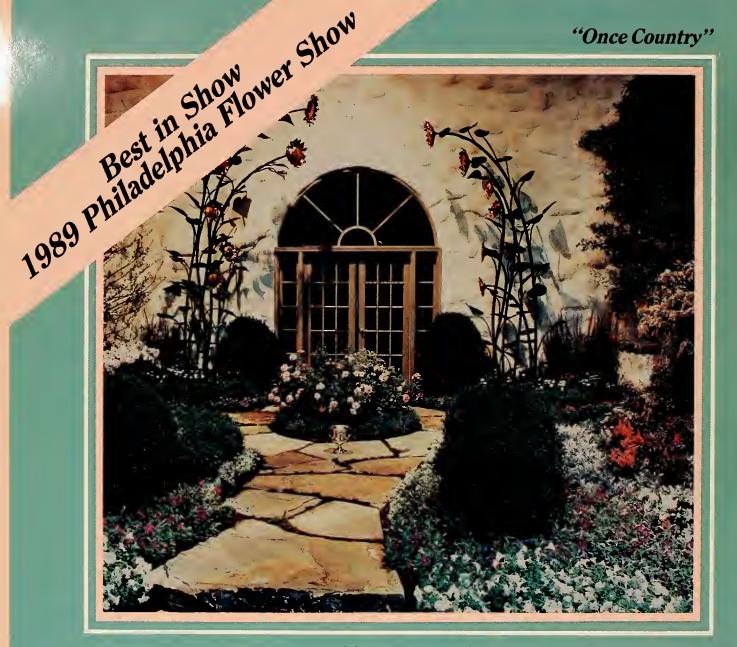
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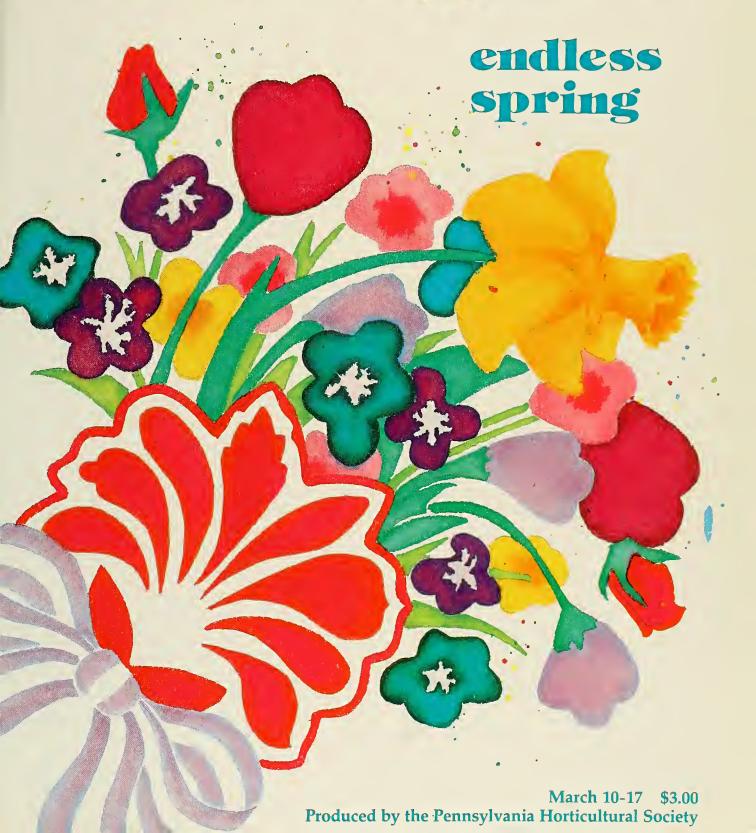


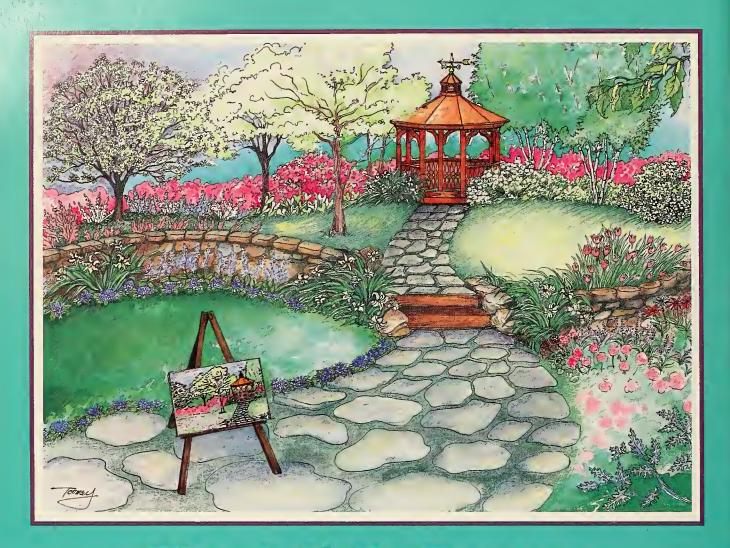
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Welcome to the 1991 Philadelphia Flower Show, whose theme "Endless Spring — New Days Dawning Round the World," puts us squarely in the middle of the global village, and our area exhibitors join us in welcoming exhibitors from three continents.

The seed for this year's theme and central display germinated on a hot summer's day five years ago. Our scribe was having trouble keeping up with the suggestions bubbling up from a group of Flower Show futurists when Bob Wilkins, president, Delaware Valley Wholesale Florist, raised the question as to whether the Show had ever featured cut flowers in the central display. Not in over a quarter century was the response, and before lunch was over the seedling was up and growing.

"Holland and Italy" said Wilkins, whose wholesale florist import business deals worldwide on a daily basis, "are the two countries you have to attract to make this work." At first it seemed a hard sell because no one wanted to commit themselves

to an exhibition five years down the road.

While we were talking to and fro to potential European exhibitors, the Pennsylvania Horticultural Society sponsored a trip to Kenya where president Jane Pepper toured fields of cut flowers destined for sale in Europe and met representatives of the Kenya Horticultural Society at their annual flower show. Before she left Nairobi, the Kenya Horticultural Society had accepted Jane's invitation to participate in 1991.

Gradually the seedling put out more roots. As we formalized our agreements with Holland, Italy and Kenya, we turned our attention to inviting U.S. exhibitors. Our local rose growers came through with flying colors as partners under the banner of Roses, Inc., as did the Hawaiian Anthurium Production Promotion

Committee. The global village's garden was ready to blossom.

Jane Hard The Ropes

This Show is a synthesis of the knowledge and experience of both amateurs (in the truest sense of the word) and professionals. Oiling the Show wheels are 1,300 volunteers who play vital roles in developing and staging the event. And don't let's forget our loyal visitors. Thank you for returning again, and a warm welcome to those of you here for the first time. We hope the Show will knock your socks off, and that you will share your enthusiasm and revelations with others who have not yet seen our Show with its dazzling blend of international and local exhibits.

Proceeds from this Show will be plowed back into the community by the Pennsylvania Horticultural Society as we continue to develop gardens in low-income city neighborhoods through Philadelphia Green, and as we create broader greening projects through Center City Green. We all have a hand in our beloved city's greening.

Thank you dear friends for your support of this Endless Spring. We couldn't do

it without you.

Jane Ward, Chair 1991 Flower Show Executive Committee Jane G. Pepper President, Pennsylvania Horticultural Society and Flower Show Manager



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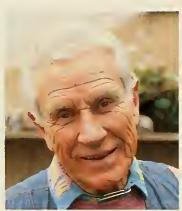
The 1991 Philadelphia Flower Show Program

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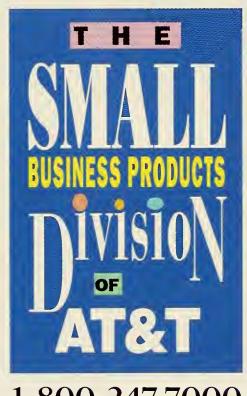
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An International Bouquet: Flowers Around the World in 24 Hours

by Judy Mathe Foley

A truck with "Bloemen" emblazoned in big red letters leaves the little Netherlands town of Aalsmeer. It heads toward Schipol Airport near the Zieder Zee, where its perishable cargo is packed into the belly of a KLM Royal Dutch freighter to take it on a 3,700-mile journey to a birthday party in Berwyn.

Snijbloemen, schnittblumen, fleurs

coupees, fiori da vaso, flores cortadas, cut flowers . . . Dutch, German, French, Italian, Spanish, and American flowers travel the world to make their brilliant appearances in your florist's cooler and in buckets outside the deli near your office. The variety available there has burgeoned in the last 10 years. The carnations and chrysanthemums are familiar, but what are those

stems of small, orchid-like flowers with colors that range from pale yellow to deep purple? The Peruvian lily, Alstroemeria, was originally grown in Peru and Brazil, but now comes also from Kenya which, like other African and South American countries, is expanding its flower export business to generate rural employment. Cut flowers in Kenya now rank behind continued



A field of statice (Limonium sinuatum) in Naivasha, Kenya, Euphorbia, alstroemeria and delphinium are also grown there for export.

coffee, tea and tourism in economic importance. Carnations, a longlived flower that travels well, now constitute half of Kenya's export crop, most of which goes to Western Europe.

From Liguria on the Italian Riviera where the sun shines 3,000 hours a year; from four and a half acres "under glass" in Kennett Square, Pennsylvania; from the slopes of Mount Kenya; from greenhouses in

Carpenteria, California, and Mt. View, Hawaii; growers gather flowers that only a few days later blossom into bouquets in Philadelphia or Baltimore or New

York or Washington.

Depending on its fragility, the average life of a cut flower is about two weeks. So whether in Kennett Square, Aalsmeer, or Liguria, the goal of growers, transporters, wholesalers, and florists is to keep the route between the field and the vase as short as possible, so the bloom you buy will last as long as possible.

Any story of how Americans come to have so many choices of flowers for our birthday bouquets must use The Netherlands as a debarkation point, because the Dutch are the oldest, most promotion-minded, and most visible entity in the world of flowers.

The Dutch Connection: A half billion dollar industry is not just spinning windmills

In the late 1970s, the centuriesold Dutch flower bulb industry began a massive, worldwide promotion and distribution campaign. So successful was that effort, that last year bulb exports topped one billion guilders (\$532 rullion) in sales. As a result,



Liguria's famed floral designers Aldo and Mimma Alberti created lush arrangements of carnations, lilies, anthuriums and birds of paradise to fashion the International Trade Center's 1990 exhibit, "Flowers from Liguria, the Italian Riviera."

Americans, Africans, South Americans, and Europeans used Dutch stock to produce their own cut flower export business, creating a floral global village in which a tulip might as easily come from the state of Washington as from the Netherlands.

Despite this self-created competition, the Netherlands is still the world's largest exporter of over 500 varieties of cut flowers. From Agapanthus to Zantedeschia (calla lily), all Dutch flowers are sold through a 75-year-old system of auction houses that combines a time-tested 17th century cooperative fruit and vegetable marketing process with computer and fax technology to produce an efficient worldwide distribution system.

Soon after dawn on this Monday, Holland's flower growers deliver their roses, chrysanthemums, carnations, tulips, lilies, freesia, gerberas, gypsophila, cymbidium, and alstroemeria to Aalsmeer, Holland's largest auction house. Here "clock watching" takes on a whole new — and commercially decisive — meaning. All the 50,000 purchases buyers make here today revolve around "the clock," which determines how fresh and how expensive will be the bouquet bought by a Tokyo businessman or a Parisian baker.

By 5:30 a.m., Aalsmeer inspectors are already checking the day's crop for maturity, stem growth, and buds. They sort the flowers according to classification standards, marking comments on a consignment sheet too ripe, too raw, mite, aphids, unequal size, speckled.

At 6:30 a.m., peak auction time begins. Buyers sit in tiered "bleachers" in front of a huge wall clock. Below the clock, as

an auctioneer calls off the particulars of each consignment numbers, variety, name of grower, quality inspector's remarks — the flowers themselves rush before the buyers on trolleys pulled by conveyor chains in the floor of the auction hall.

As each consignment goes up for bid, the clock's hands whirl, starting high and going down until a buyer is found. Each buyer's bench has a button which, when pressed, brings the hand of the auction clock to a halt. Whoever pushes first has bought the lot being auctioned at that time. Buying is fast and furious and a buyer pushing the button at the wrong time may bring jibes and jeers from his colleagues, and end up with ears as red as the roses he just bought at the wrong time for the wrong price.

At 9:30 a.m., the flowers are delivered "from the clock" and prepared for shipment. Buyers pay in cash or a letter of credit from one of the four banks on the premises.

By noon, the flowers are being repacked for shipment. Most go to West Germany, France, Britain and Italy; some will also come to the United States. And, because the Netherlands is six hours ahead of U.S. time, the flowers now fly against another clock. At 7 a.m.,

13

they arrive at New York City's JFK International Airport where they go through plant quarantine and customs. Now, they are met by another truck marked "Delaware Valley Wholesale Florist, Inc." and they're on the road again, this time heading for Sewell, New Jersey.

It's 4 a.m. — Do you know where your freesia are?

Delaware Valley Wholesale Florist, Inc. is an international broker of floral products, one of the largest wholesale operations in the country. In an almost round-theclock operation, 65 refrigerated delivery trucks daily meet planes to pick up flowers at JFK International Airport, buyers phone and fax orders to growers and buyers in 24 countries, and 20 salespeople take orders from florists in Pennsylvania, New York, New Jersey and Maryland. "There's not one point of this world that we can't get fresh flowers from as long

as they have a major airport," says company president Bob Wilkins.

It's 10 a.m. in Sewell on that same Monday that Dutch growers delivered their crops to Aalsmeer. Because of the six-hour time difference, Monday's Aalsmeer

continued



Gerbera daisies shipped from California for distribution in the Delaware Valley.



Aalsmeer World Flower Centre in The Netherlands where buyers bid at auction for carnations, lilies, tulips, freesia, cymbidiums, gerberas and other flowers for export. Fifty thousand orders may be handled here in one day.



"Tropicals are my favorites," says designer Rose Clayton as she prepares an exotic display for the Delaware Valley Wholesale Florist Inc. lobby.

auction is over. Between now and noon at Delaware Valley, "we find out what the flowers sold for on the clock today," Wilkins explains. "After noon, our salespeople call our customers for Tuesday's buying. Between five and six o'clock tonight — midnight Holland — we fax orders that have to be purchased at the clock. Between 2 and 4 a.m. Tuesday, when our Dutch buyers come to work, they have those orders and can go to the auction to buy.

"Those flowers will leave Amsterdam at 5 p.m. Tuesday evening and, because they're running against the clock, will arrive at JFK International Airport at 7 p.m. Our driver gets back here about 3 a.m. Wednesday, and we ship those flowers out to retail florists."

The Netherlands is only one source of cut flowers. In 110,000 square feet of refrigerated space at Delaware Valley Florist, cut mimosa from the French Riviera shares space with gerberas from Carpenteria, California; carnations from Bogota, Colombia; anthuriums from the Maritius Islands off the coast of Madagascar; ginger from Hawaii; oncidiums (orchids) from Thailand; ginger and heliconias from Costa Rica; heather from Germany; roses from Pennsylvania; and liatrus from Peru. White lace flower from Zimbabwe leaves Zaire

on Lufthansa to travel by air to Frankfurt, Germany, and then to JFK International Airport, and from there by refrigerated truck to Sewell.

Orchids and iris and gladiolus and gerberas that were in Hawaii or Ecuador or Israel on Tuesday are in flower shops Wednesday in time for a Philadelphia lawyer to purchase to grace that night's dinner party table, or for a florist to use in an arrangement for delivery to a birthday party, a hospital patient, or a wedding anniversary.

Beyond carnations and chrysanthemums

Sixty percent of the cut flowers available in any Philadelphia florist's shop are foreign.
Alstroemeria, bouvardia, cymbidium, freesia, gerbera, protea—their names are as exotic as their origins.

Somewhere in the world, it's always spring. So, at Delaware Valley Florist in November, Steve Natalino can show a visitor a handful of highly perishable muscari (grape hyacinth) from Holland that a Philadelphian would only see peeking out of the snow in April. "The world has gotten much smaller and the flower world much more sophisticated," says Ed Lindemann, Philadelphia Flower Show designer. "Now not only can we have tulips 12 months of the year, but we have a choice of all those exotic flowers whose names we don't know."

Florist David Lautt, who designed the Philadelphia Flower Show's rose and Hawaiian cut flower exhibits, says his customers are becoming more discerning. "Most people leave the selection up to us, but ask for variety. They don't want just carnations and mums anymore."

To give his customers in Northeast Philadelphia that variety, Lautt uses exotic heliconias, spikey birds of paradise, heart-shaped anthurium, flashy ginger, and the hard-textured foliage of protea to create arrangements that are the heart of his — and most florists'

business.

For long vase life and fragrance, Lautt uses the flower that seems never to fall from favor - the bloom of romance, the rose. This year Americans bought one billion roses to celebrate birthdays, graduations, weddings and of course, Valentine's Day. That's four roses per year per person. Three out of four of those roses are grown in 25 different states in the U.S. and in Canada by members of the trade association, Roses, Inc. American roses are grown 365 days of the year in 25 states, with California, Colorado and Pennsylvania being top producers. The retail value of the 24 million roses grown in Pennsylvania exceeds \$52 million.

Local rose grower and wholesaler Ted Thompson has 5¼ acres "under glass or plastic" in Kennett Square where he grows 20 different varieties of hybrid tea roses ranging from the reds of Samantha, Cara Mia, and Royalty through the fragrant Lavandre and the pastel yellow Lovely Girl.

If the clock is important at Aalsmeer, the sky is important in Kennett Square. Because a rose needs 50 days of sunlight to bring it to full maturation, a few cloudy days can spell disaster. Roses need abundant light, but they also need cool nights to stretch their stems to the 18" to 22" required for a long-stemmed rose.

Valentine's Day is the single biggest day of the year for rose sales, and it comes when days are shortest and light is minimal — in short, at the worst time for roses. So in January, growers like Thompson pinched off their rose plants two weeks before they would normally bloom, sacrificing January's roses at Cupid's altar. And then there are only a few weeks before everyone and his or her mother will want roses for Mother's Day.

A rose is not a rose

To meet the demand for roses, Thompson and other growers have to maintain a rotating stock; he replants from 15 to 20% of his plants each year. Pruning, which is necessary for large flowers, puts a plant out of production for six to 12 weeks, so Thompson begins after Mother's Day, doing a little each week to finish by the middle of August so plants have time to rebuild for fall and winter production.

If the rose you buy isn't quite as fragrant as you think it should be, it's because with all the other qualities on which rose hybridizers have to concentrate — long stems, pleasant bud shape form, disease-resistance, and long vase life, sometimes fragrance gets lost in the process.

Like other cut flowers, roses

should be displayed at the middle of their 2 maturity. A partially open rose looks best. To get the most bloom from your roses, follow the advice of the pros: Buy roses from the seller with the highest turnover to get the freshest product; look for clear, sharp, vibrant colors. Check the sepals, the small green petal leaves just below the flower head; these should bend away from the bloom. Buy blooms

with petals just starting to unfurl and buds that are "springy" to the touch. A rose that is tight and hard will not necessarily last longer; it may not open because it was picked too soon. And, advises the national trade association, Roses, Inc., ask your florist for American roses. A locally grown rose, which has not spent as much time in transit, will spend more of its two-week blooming life on your dining room table.

Bob Wilkins, whose livelihood depends on speeding the trip from field to vase so you can enjoy your cut flowers longer, has some other advice: Become an educated consumer and buy flowers for everyday living.

Flowers for everyday living

"We, as Americans, really don't buy flowers," says Wilkins. In the United States, 80% of cut flowers are bought by someone to give to someone else. So if you like to receive flowers as a gift, why don't you buy flowers for yourself?"

Americans spend \$19 per capita per year as compared with \$60 spent by the Japanese or an average of around \$50 in Europe. Part of the reason for that, says Wilkins, is that Europeans are confronted with flowers everywhere — not only as plants in windowboxes and in public and



The football mums on this wheel at the wholesalers pass under a cutter (not shown) and are cut in a well of running water. After they're cut, they're quickly returned to water in buckets.

private gardens, but as cut flowers for sale in drugstores, supermarkets, and at "petrol stations."

Japanese and Europeans know how to buy, they know what is a good and what is a bad flower, and get good value for their flower yen or franc or lira. They pick and choose their own cut flowers. They demand more of the grower and the florist. "They buy flowers to enjoy themselves, flowers for everyday living," says Wilkins. Most of the flowers you, as an American consumer, buy are well past their prime.

"To give flowers as a gift, you want the beauty of the open flower.

But the fact is, that if a flower is in full bloom, over half its life is gone already," says Wilkins. "If you want to buy flowers for great value, you need to buy them in a tight bud stage so they still have time to open. American florists have a tough time with this because they don't get enough traffic through their stores to always have tight-budded flowers. And florists can't make a living throwing flowers away.

"Everyone would benefit, and the bloom on your international bouquet would last longer," Wilkins adds, "if we could automatically change the American buying public from spending \$19

> per capita to spending \$50 per capita, and change buying habits so that 80% of flowers in the United States were bought by someone who was taking them home to enjoy themselves."

So, take a tip from Europe where, as Ted Thompson says, "a shopper's grocery list routinely includes cut flowers right along with the butter, bread, eggs, and milk. "To truly enjoy all those well-travelled flowers,

don't wait to get them as a gift. Buy yourself a bouquet.

Judy Mathey Foley, writer and editor who has her own desktop publishing business, buys cut flowers at Philadelphia's Reading Terminal Market for the bouquets she keeps near her computer.

The Care of Fresh Cut Roses

For a copy of the brochure, "The Care of Fresh Cut Roses," send a self-addressed stamped envelope to: Roses, Inc., Box 460, Care and Handling Brochure, Haslett, MI 48840.



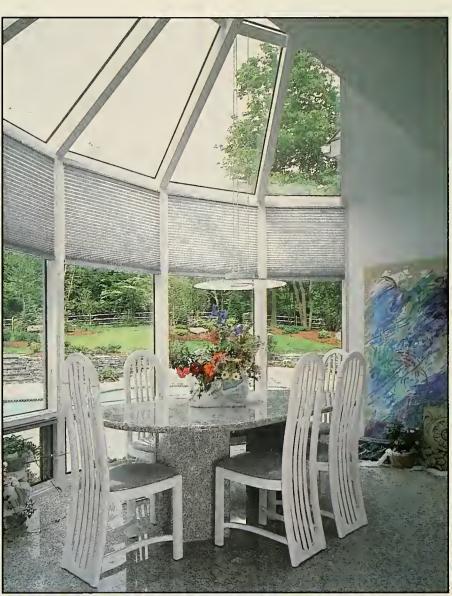
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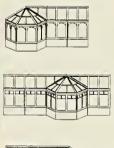
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The Magic of Flowers Arranging Flowers Year-round

by Cheryl Lee Monroe

Flowers are magic, a magic woven of delicate petals, transparent and opaque, glorious colors from violet to pure white, and intoxicating fragrances. Flowers' magic stirs my imagination and dazzles me. We can each weave this flower magic into our own lives, enchanting ourselves with vases of elegant white lilies, bowls bursting with the splendor of champagne roses, or simply welcome our guests with a jar of wildflowers. The enchantment that flowers lend to our lives is often overlooked because their selection, care and design intimidates us.

Gertrude Jekyll wrote that we owe it to ourselves and our gardens "to use the plants that . . . form beautiful pictures." So, too, should we use fresh flowers to form beautiful pictures in our everyday lives. There is no right or wrong way to create our own floral designs, and placing a few flowers in a vase, floating a single blossom in a bowl, or arranging flowers in a centerpiece can spill a happy riot of color, fragrance and beauty into a

You can create arrangements with bought flowers or with flowers from your garden. Flower shops, garden centers and farmers' markets provide a wealth of cut flowers. Investing in fresh cut flowers is money well spent and, traditionally, flowers that live longest have been considered the best. Many of the workhorses of the flower trade like carnations, gladiolus, statice and anthuriums

have become plentiful. Many other flowers, however, are long-lived and provide additional variety. Lilies, for example, last up to two weeks in a vase, and they change and unfold over time: as older blooms fade, new ones open. There are also those flowers that are fleeting, yet their splendor is enchanting and irresistible: e.g. poppies, sweet peas and lily of the valley.

Each arrangement you create will differ with the season, the flowers available, your container, and the room you place it in. Creativity comes from within; and in spite of rules of composition and theories on color and design principles, arranging flowers is a personal skill to be honed over time. The way you see your own designs is of utmost importance. Your eye for what is pleasing will mature as you continue to add flowers to your days. Trust yourself; be a gentle judge, the flowers are already blue ribbon winners.

Containers

One of the big secrets to creating a pleasing arrangement is choosing the appropriate container. A container can transform flowers, affect the color and mood of your arrangement. Collecting containers is a delightful habit and over time you can acquire many treasures with the enhancement of flowers in mind.

Glass containers are my favorites, but containers can be ceramic, brass, wooden or a wealth of other materials. They can be in the form

of bowls, vases, teapots, baskets and an endless array of objects including fine pottery and collectibles. To use fine containers, you need only place a small liner within to hold your flowers. It is best to choose vases that are not overwhelming in size, sticking to about six to ten inches in height with openings that are neither too small or too large. In the book Madderlake, Flowers Rediscovered, the authors state that a perfect shape for flower arrangements is "the ginger jar. This age-old form has an appropriately sized opening and an ample interior, which allows stems to be placed at the necessary angles to one another to construct . . . a well-rounded arrangement." If the neck of the container is the right size it will support the flowers. If too wide, flowers will flop, and if too small, flowers will stand too upright, losing their natural grace.

Oasis, a soft foam that holds flower stems in place, is great for creating arrangements in, but needn't be used all the time. It is best used for baskets and other containers that are not vase-like. You can work without Oasis in vases by crisscrossing stems in the container, creating a web. As you add to the web, flowers will begin to hold themselves up. Foliages and branches help to create the web and will also fill spaces as you

The flowers you select, their shape, size and stem will all affect the entire arrangement. Consider the shapes and sizes of the large faces of lilies or the small delicate



This arrangement is perfection in its seemingly effortless and natural composition. Its natural beauty and wild abandon enhance the blend of flowers and container.

white aster-like flowers of september kraut, used as a filler, the upright stems of delphiniums and liatris or the graceful and curving poppies and euphorbia, the bold amaryllis or the delicate queen anne's lace. Think of each flower individually and of how it will contribute to your overall design. For me, lots of small delicate flowers soften an arrangement, giving it a gentle abundant feeling, and I prefer flowers that remind me of meadows and gardens.

Color

Color is an integral part of your flower selection and design, subject to light and the texture, shape and stage of development for each flower. It is also a personal choice. The challenge is, as Louise Beebe Wilder noted in her book Color in My Garden, not to become "haunted by visions of exquisite colours in perfect harmony." We can sometimes sabotage our own creations by our desire to make perfect arrangements. Wilder tells us that flower colors are not "bad if given a happy association, and that few associations are unpleasing if the elements are used in happy proportion." Happy color proportions either harmonize or contrast in association with each other.

Harmonious colors are those that naturally relate to each other by a shared pigment, and appear to drift and blend. They are colors from the same area of the spectrum such as pinks, blues and purples. Contrasting colors are opposite each other on the spectrum (e.g. violet and orange) and are like the accents that bring a touch of life. It's not unlike a strip of trim for your car, or the pillows you add to accent a room.

Warm and cool colors are also harmonizing and contrasting. Warm colors are those that center on orange and have yellow pigment in them. Cool colors center on blue. Grouping warm together or cool together creates harmony, whereas combining cool and warm colors creates contrasts.

A "happy proportion" might be a touch of peach roses in a sea of purple as in a vase of lavender lilac, whereas equal proportions of lavender and peach would be glaring or distracting. If necessary, you can remove offending colors, redistribute them or weave in foliage to tone things down.

The colors available to you will, in part, be determined by the season of the year. In the spring there is an abundance of whites and yellows; in June the many shades of blues; in summer, the reds and yellows, followed by the russet tones of autumn.

Color can challenge us for a lifetime with its complexities, but your eye will always be the best judge of what's harsh or pleasing.

When selecting flowers, gather them together in your hand, not unlike you would arrange them, weaving your selections together before taking them home to place in a container.

Design

Design is another area filled with principles that often daunt even the most creative designers. By arranging to allow the natural forms of flowers to dominate, you reduce the need to concentrate too heavily on understanding these design principles. Your eye will help you to balance color, flower shapes and sizes in the overall arrangement.

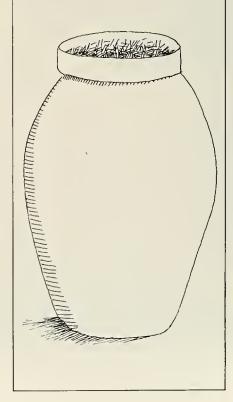
As to height, the Japanese rule that an arrangement should be more than one and one-half times the size of the container is not absolute but works well. Many times only a few flowers are perfect, and they can peek over the edge of a container and need not follow this rule. Depth is another factor: to avoid a round ball effect in centerpieces, place flowers at different heights, vary the length of your stems throughout and each flower will vie for your attention as your eye is drawn throughout the arrangement.

Caring for arrangements The care you give your cut flowers will ensure their longevity. Always recut stems before placing them in warm water. A slanted cut enables the stem to rest lightly on the bottom of a container and exposes the maximum amount of tissue to absorb plenty of water. Let flowers take up water for several hours before arranging except when you are working directly with a vase of warm water.

Both water and containers should be clean to reduce bacteria that clogs flower stems and shortens their life. A drop of bleach keeps water clean and floral

A perfectly shaped container for flower arrangements is "the ginger jar. This age-old form has an appropriately sized opening and an ample interior, which allows stems to be placed at the necessary angles to one another to construct . . . a well-rounded arrangement."

Madderlake, Flowers Rediscovered



preservatives provide nutrients in addition to bacteria-reducing agents. The basic nutrient flowers need is sugar, and at home you can substitute floral preservatives with a combination of table sugar and vinegar or a few drops of bleach. The sugar alone will encourage bacteria to grow at a rapid rate. Today's floral preservatives, however, are terrific and keep flowers alive longer. When buying flowers, be sure a packet of preservative is included and obtain a few additional ones for those

continued

No special formula is available for flowers and their placement. What is important is the impact on the beholder's eye—a happy combination of container and flowers, their shapes, sizes and color.



photo by John Dugdale/photo reprinted with permission Madderlake: Flowers Rediscovered

occasions when you can cut from a garden.

I hope you are convinced that with ideas on design, color, flower selection and care, any one of us can easily explore the magic that flowers promise. Their beauty, their perfection and their extravagance beckon us, and adding them to our days will stir our imaginations.

Cheryl Lee Monroe is a staff member of the Pennsylvania Horticultural Society with a B.S. in Horticulture from the University of Maryland. Flowers are her inspiration for a creative life that includes family, career, and

Flowers to Buy at Your Florists: Alternatives to our Workhorses

Flowers like carnations, gladiolus, statice are valued for their long lives. There are, however, many alternatives, some equally as longlived. Below are ideas for longlasting flowers to mix with our old favorites, and estimates of their costs per stem. Costs vary throughout the year based on each flower's seasonal availability, with the same flower being affordable in quantity in season and a delightful

luxury when out of season. It is also important to remember that what will be available in your local flower shop may not necessarily coincide with your garden, hence tulips in November and lilac in January.

Cost (per stem) is dependent on availability and time of year

Paperwhites \$1.50 to \$2.00 Tulips \$2.00 to \$3.50 52.00 to \$3.00 Anemones Larkspur \$1.00 to \$1.50 Freesia \$1.00 to \$1.50 Lilies

Casa Blanca \$4.00 to \$5.00

Stargazer and other whites, yellows, oranges, etc. \$2.50 to \$3.00 Hvacinths \$3.00 to \$3.50 Alstroemeria S2.00 Bachelor Buttons \$1.00 Euphorbia \$3.00 to \$3.50 Solidago (goldenrod) \$1.50

Books About Arranging

An American Style of Flower Arrangement, Leonard Tharp, Taylor, Dallas, 1986

Celebrating with Flowers, Jane Packer, Fawcett Columbine, New York, 1986

Color In My Garden, Louise Beebe Wilder, Atlantic Monthly Press, NY, NY, Reprint 1990

The Complete Book of Cut Flower Care, Mary Jane Vaughan, Timber Press, Portland, OR, 1988

Designing with Flowers, Tricia Guild, Crown, New York, 1986

Madderlake, Flowers Rediscovered, Tom Pritchard, Billy Jarecki and Alan Boehmer, Stewart, Tabori & Chang, New York, 1985

These and other flower arranging books are available from the Pennsylvania Horticultural Society Library. The PHS Library is open Monday through Friday 9 a.m. to 5 p.m. Members may order books by mail by calling 215-625-8256. For information on becoming a member, please call Linda Davis at 215-625-8265.



A perfect Flower Show design! It gives meaning to color contrast with its luscious lavender and peach colors, and is beautifully balanced. It's appropriately called "Out of this World" and was created by Audrey Nichols and Penelope Harris for the Pedestal Class at the Flower Show two years ago.



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Finding Cut Flowers and Foliage in Your Garden for Arrangements

by Joanna Reed

Your garden and roadside rambles are rich sources of cut flowers and foliage — don't overlook trees and shrubs.

"I planted my garden to have more interesting flowers and foliage for arrangements." Not my words but a statement I've often read in gardening books. Beth Chatto, nurserywoman supreme, seven times Gold Medalist at the Chelsea Flower Show, and Sheila MacQueen, on special occasions flower arranger for the Royal Family and, known on both continents for her expertise with flowers, both claim in their books to garden to have flowers to cut.

Not realizing the high company I unconsciously aspired to join, I was eager to plant my first bed or border for exactly the same reason. Walking and gleaning roadside bounty was a relaxing way to observe nature, get acquainted



The author's cutting garden of annuals planted between earlier rows of vegetables.

with myriads of insects, to become aware of changing seasons and to come home with the desired bouquets. Violets, daisies, yarrow, queen anne's lace, sweet rocket, clover, black-eyed susan and goldenrod were the standbys. I learned not to count on morning glories (the bucolic name for bindweed). In a glass bowl etched with morning glories, they were to be the centerpiece for a dinner party. As the guests arrived I realized that morning glories are indeed morning flowers, which dependably shut up tight in the afternoon. If you must showcase your beautiful blue ones, plan a brunch.

Those walks taught other lessons: some flowers revive from the wilted stage when plunged in tepid water, others are best enjoyed where they grow. Most flowers are enhanced by including foliage — theirs, if nice, or combinations pleasing to the eye. The season can be stretched by using wayside fruits, sumac, grape, viburnums, hollies and grasses. Beware the clusters of white berries on fence posts and trees, poison ivy is its name. Some flowers keep well both in a vase or dry well for winter's use, for example goldenrods and yarrow.

Why then would I yearn for a productive flower border? For more variety and convenience. At times the roadside offerings were sparse. With each year there is more traffic, the country verges are turning into suburban lawns. The remaining areas are becoming thickets bound by overly aggressive non-native vines gone amok. The well-tended farm fields and sunny roadsides are rapidly disappearing.

Year-round bouquets

With a garden, year-round bouquets are to be had, ranging from tiny nosegays to arrestingly large arrangements. A cutting garden is a luxury, not all of us have the time and space. It is not an absolute requisite. Each person develops his or her own style, whether in dress, gardens or arrangements. Mine is relaxed and expansive with a country flavor. Having a propensity to be short of necessary mechanical props for controlled mass or line designs, this is fortunate. Containers are never a problem. There are always cups, bowls, pitchers and pots to be used. Twigs and branches give needed support and background for the more willowy flower stems.

The majority of flowers grown in your garden will continue to bloom over a longer period of time if they are not allowed to go to seed, so the more we cut from our plants the longer they will bloom. This is especially true of all annuals, the composite or daisy family and many others. Sadly some lovely flowers like blue or false indigo (Baptisia australis), yellow carolinia lupin (Thermopsis caroliniana), and monk's hood or wolf's bane (Aconitum sp.) produce single crops, tall plants with 18" to 24" blossom stalks. The clumps, however, increase in size each year yielding more bloom stalks.

Background support

The background or support system for both gardens and arrangements come from trees and shrubs year-round, and from herbaceous plants during the active growing season. Winter branches have wonderful color, green, russet, silvery grey, countless browns and almost black. In texture they can be flaky, furry, shiny, rough, branch tips making a lacy filigree as the Katsura tree does, or they can be heavy, gnarled and stark like the Kentucky coffee bean tree. The buds, both flower and leaf, add another element. The Paulownia tomentosa, or empress tree's fat lower buds grow in large trusses of what appears to be antique gold velvet, showier than many fullblown flowers. The bright, reddish, elongated buds of the American beech tree are a great foil for its soft grey bark. Poncirus trifoliata, the hardy orange, has pencil-thick,

light green, new growth with formidable but decorative thorns. The winter jasmine, *Jasminum nudiflorum* has dark green wands sporadically sporting clear yellow flowers, thus combining color and form, begging to be cut and brought inside, a welcome taste of spring about to come.

Fruits are a welcome bonus for our purpose, dried like the samaras of the ash and box elder, silver gilt in the sun or the light from a lamp. The hollies, deciduous or evergreen, give us long-lasting firm berries, red, yellow, white, pinkish and blue black. The viburnums, often upstaged in spring by showier rivals, produce wonderful fruit clusters. The native *V*. prunifolium has soft green, pink, and blue fruits in the same bunches. The scourge of the East Coast, asiatic bittersweet, has two worthwhile attributes, glorious fruit and wonderfully twisted and curled stems.

In both garden and bouquets my aim, and probably yours as well, seems to be the same: a balance between mass and lightness, contrasts of shapes and color, with underlying harmony. Because of the similarity of these two endeavors I find that combinations that work well in beds and borders are usually equally satisfying when snipped to use in containers, a microcosm of the outdoors.

The prominent blossoms in your garden will, more than likely, be the focal points in your arrangements; this will be a long list, dependent on personal taste: Tulips, roses, lilies, daylilies, iris of all kinds, peonies, monardas, marigolds, zinnias, sunflowers and dahlias, to name a few.

Fillers

The fillers, functionally to hold the stars upright, aesthetically to soften and give depth, could be in the varied shades of blue *Phlox divaricata*, the white wash fresh, ditch daisy, bright blue mountain bluet, German catchfly (Silene armeria) startlingly bright pink,



Sheila MacQueen's border in England. MacQueen has arranged for the Royal family on

marigolds, feverfew, coreopsis or the taller ageratum among others.

A light effusive touch can be added with the well known, sometimes overused, baby's-breath. Other plants that offer the same results are sea lavender (Limonium latifolium), the palest of lavender, lady's-mantle (Alchemilla vulgaris), (A. mollis, if you have it or can find it, is even better, growing taller with longer stems to work with) both producing a froth of chartreuse, guaranteed to spark most colors. Dill and fennel provide the same feel as baby's-breath, blooming later, fennel especially, cutable from June until frost. Less well known is Crambe cordifolia; imagine a seven-foot-tall, more intensely white, baby's-breath and you are picturing Crambe. Patrinia scabiosifolia is, in late summer, a haze of tiny spring-fresh yellow flowers with undertones of chartreuse on five-foot stems. Grasses work well, too.

Spike forms

Spike forms are abundant from mid-May on. Astilbe, white, pink to deep red, ranges in height and season. Golden loosestrife, Lysimachia punctata, gives two-andone-half-foot-long wands of yellow axillary flowers. Veronicas are there with a range of blues and purples. Foxgloves (Digitalis spp.), deep

magenta through a range of pinks to pure white, are gloriously opulent in large arrangements. The smaller flowered ones such as Digitalis lutea, with 1/2- to one-inchlong yellow bells, is a better scale for household bouquets. Artemisia lactiflora, a non-aggressive member of that intimidating family, produces wonderful upright plumes of small white flowers. As they fade, they change from pale gold to soft brown. A relative, Artemisia annua, fondly known as "sweet or roadside Annie," grows from seed to a good seven feet in a season. Too large to be used in its entirety, cutting yields many individual pieces 15- to 20-inches long with a bonus of fragrance. Both dry well. The white goosenecked loosestrife (Lysimachia cletheroides), purple loosestrife (L. lythrum), and lavender pink false dragon head (Physostegia) are good spike forms for late summer, followed by the many varieties of goldenrods and the giant blue lobelia. You might have noticed I did not mention Delphinium and lupine. For me they have proved difficult in our hot humid summers. I attempt to grow both, but do not rely on their presence. Good substitutes are larkspur, an annual, if self-sown, will reach heights of 4 to 5 feet. If regularly cut it wil keep on producing five or six weeks. The

aforementioned Baptisia or false indigo is a stunner in both garden and arrangements, masses of bluegreen foliage topped with stately stems of blue lupine-like flowers. Carolina lupine has great long spikes of clear yellow flowers. They both last well in arrangements, if the spent lower blossoms are picked off each day. The many varieties of hostas provide varying length wands of bells throughout the growing year; however, I mainly think of them as foliage

plants.

Herbs make wonderful foliage plants for both garden and cutting. The sub-shrubby ones, originating in the Mediterranean region are without peer. Frequent cutting of the lavenders, santolinas, taller thymes and rosemary provide fragrant bits for indoor enjoyment while maintaining the dense compact mounds associated with herb growing, so delightful used in edging and foregrounds. The looser, more rampant herbs such as oreganos, mints, grey artemisias and mountain mints (Pycnanthemum), give fragrance while growing and when cut, lend color with their leaves especially when variegated and thrive on cropping. Rue is unique in its elegant leaf form, upright habit and wonderful blue color. The foliage lasts well into late fall, eventually turning bright gold; however, it is late to bud out in spring. I imagine many rue plants wind up on the compost pile due to this slothful side of their nature. The eupatoriums, yarrows, and tansy bring with their interesting foliage, texture and form, an insectrepelling aroma, aromatic rather than sweet. The flowers, though secondary, range through pinks to whites to yellows. The large leaves of angelica and lovage can be used as hosta, to overlap vase edges, or give a green ruff. The fern-like foliage of sweet cecily surprises us by standing up well in arrangements, its scent is licorice. Lysimachia ciliata (yet another loosestrife), Perilla and purple basil

are a welcome change from green in their purple hues. All the basils cut and last well, their scent the essence of summer. The silvers enhance all flower colors, but beware of sage and wooly lamb's ears. They absorb water so greedily that later they are apt to drip, hard on some furniture finishes.

Other foliage plants I use constantly are white pine, Cryptomeria and the variegated Chamaecyparis, gold, white-tipped, rusty red and mauve. The native juniper, Virginia red cedar, a weed tree on overworked soils, is prickly but a nice texture. All the junipers are good and also vary in color. English ivy, in its many forms, Bergenia with its bold sturdy leaf, and pachysandra's glossy whorls are great especially in winter when flowers are scarce, they can showcase a single blossom, a bit like a mat on a painting. They can

also be combined, contrasting textures and values for a beautiful subtle composition. Grasses, too, are great additions at any time of the year.

My plans for a garden scheme and thoughts for arrangements for my house, flow like tides. One interest feeds the other, inspires the other. It inevitably leads to the purchase of new plants, which require more space in the garden, thus it grows. The bouquets about the house bring the garden indoors, as well as enticing those within to go for a walk. Although I still take walks to visit neighbors, and still bring home roadside bounty, most of the wildlings bloom in my own meadows and woods, handier when time is short.

Not many gardeners have the joint luxury and responsibility of a large parcel of land. Nonetheless, a mini-woods can be created under a

tree, a bit of lawn can be sacrificed to produce a mini-meadow for the sun-loving wildflowers. By rearranging a bed or border, a path, however short, can be achieved. The carefully nurtured and tended plants will yield more flowers to cut, per plant, than those growing in drifts; there will be enough however we garden.

Enough in the garden where each gardener can achieve his or her own Endless Spring.

Joanna Reed's garden at Longview Farm has been featured in *The American Woman's Garden*, a book by Rosemary Verey. Her garden was also the subject of a three-part story in *Victoria* magazine in the winter, spring and fall of 1990. She is a frequent contributor to *Green Scene*, the bimonthly magazine published by the Pennsylvania Horticultural Society, and her 50th anniversary at Longview Farm was the subject of a major story in *Green Scene* in May 1990.



Dried flowers or fresh; even a small garden will provide endless enjoyment.





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NEW THINKING FOR NEW TIMES



Gardening Questions?

Here's how to find some answers.

by Joseph Robinson

An endless spring of horticultural knowledge flows through the Delaware Valley. Year after year the exquisite plantings at the Philadelphia Flower Show bear witness to its currents, as do the endless variety of arboretums, nurseries, garden centers and schools in the region. Hotlines, help lines, and extension service agents are just a few of the valuable resources available to the gardener in search of solutions.

County Extension Service

The Cooperative Extension Service is an educational partnership between the U.S. Department of Agriculture and Land-Grant universities throughout the United States. Technically trained County Agents have offices in more than 3,150 cities and counties to provide free, unbiased information on everything from vegetable/flower gardening to recycling, urban gardening to 4H programs, soil testing to pest control.

If the area you are interested in is not listed here, you can get information on the extension service in your county through the national office of the Extension Service. Call or write: Extension Service — USDA, Room 3341 — South Bldg., Washington, DC 20250. Phone (202) 447-2471. Your State University can help, too. Consult your telephone directory's blue pages.

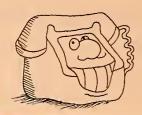


HOTLINES

Horticultural experts staff the telephones of the following help line services. All offer their services at no charge to you, and you can bring plants in to any one of them for identification or specific questions.

Morris Arboretum of the University of Pennsylvania. 100 Northwestern Ave. Chestnut Hill, PA 19118 The Plant Clinic — 1:30 - 3:00 Mon. - Fri. 215-247-5777.

The Pennsylvania Horticultural Society 325 Walnut St. Philadelphia, PA 19106 Horticultural Hotline — 9:30 - 12:00 Mon. - Fri. except December 215-922-8043.



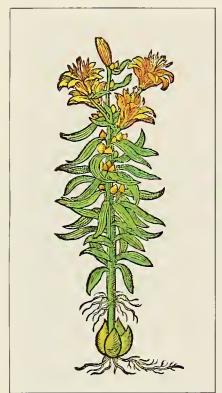
The Arthur Hoyt Scott
Horticultural Foundation
Swarthmore College
Swarthmore, PA 19081
Plant Information —
8:30 - 12:00, 1:00 - 4:30 Mon. - Fri.
215-328-8025.
Any horticultural questions
answered but emphasis on
questions relating to *ornamental*horticulture.

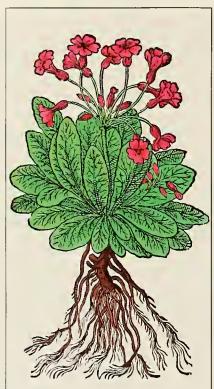
Wilmington Garden Center 503 Market St. Mall Wilmington, DE 19801 Hotline 10:00 - 3:00 Mon. - Fri. 302-658-6263.

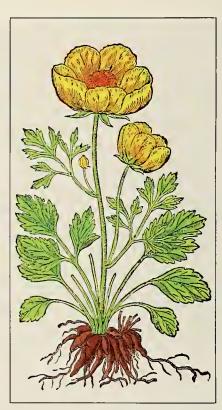
COUNTY	AGENT	ADDRESS	PHONE
PENNSYLVANIA			
BERKS	Herbert Wetzel, Director	Berks County Ag. Ctr. Leesport, PA 19533	215-378-1327
BUCKS	Kay Hastings, Director	Neshaminy Manor Ctr. Doylestown, PA 18901	215-345-3283
CHESTER	Gertrude Dougherty, Director	235 W. Market Street West Chester, PA 19382	215-696-3500
DELAWARE	Clarence R. Bryan, Jr., Director	Rose Tree Park 1521 N. Providence Rd. Media, PA 19063	215-565-9070
LEHIGH	Robert Leiby, Director	Room 604, Courthouse Allentown, PA 18101	215-820-3085
MONTGOMERY	Nancy B. Stevens, Director	Box 20, 1015 Rt. 113 Creamery, PA 19430	215-489-4315
NORTHAMPTON	Robert Leiby, Director	RD 4 Nazareth, PA 18064	215-759-6120
PHILADELPHIA DELAWARE	Elmore Hunter, Director	4601 Market Street Third Floor Philadelphia, PA 19139	215-560-4150
KENT	Roxane Whittaker, County Coordinator	4601 S. DuPont Hwy. Dover, DE 19901	302-697-4000
NEW CASTLE	Robert Mulrooney, Agricultural Agent	Townsend Hall Newark, DE 19717	302-451-2504
SUSSEX NEW JERSEY	George Chaloupka, Director	RD 2, Box 48 Georgetown, DE 19947	302-856-7303
ATLANTIC	Charlene Costaris, Director	1200 W. Harding Hwy. Mays Landing, NJ 08330	609-625-0056
BURLINGTON	Rita Wood, Director	49 Rancocas Rd. Mount Holly, NJ 08060	609-265-5051
CAMDEN	Leslie Miller, Director	152 Ohio Avenue Clementon, NJ 08021	609-784-1001
GLOUCESTER	Jerome Frecon, Director	Delsea Drive County Building Clayton, NJ 08312	609-863-0110

"To create a little flower is the labour of ages — The thankful receiver bears a plentiful harvest."

William Blake





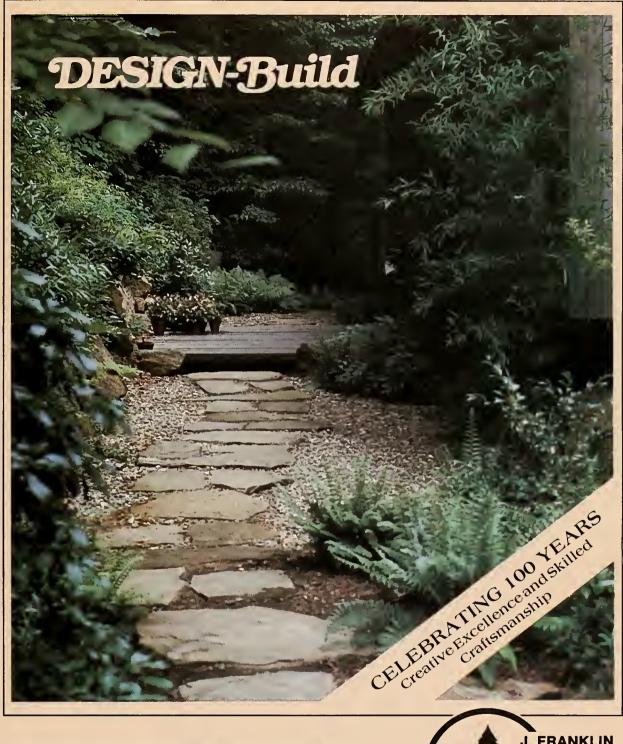


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Our 21-flower salute.

A bouquet of best wishes from the people who know a lot about bouquets... the Florists of FTD.



The Endless Enthusiasm of J. Liddon Pennock, Jr.

The perfect balance of horticulture, art and theatre marks the Philadelphia Flower Show as the premier exhibition of its kind in the world today. The art scholar reflects on the works of masters past and present; the theatre

has its divas and legends. Horticulturists refer to the findings of scientists and

explorers.

Among the cast of thousands that it takes to produce the Flower Show are outstanding leaders in many areas. For the past 50 years one individual has constantly stood out as a star of the Show. This person possesses a high degree of artistic expression, superb horticultural knowledge and techniques, and a compellingly dramatic flair rivalling any Broadway star.

J. Liddon Pennock, Jr., joined the Council of the Pennsylvania Horticultural Society in 1947 and served as its president from 1954-1957. He has

contributed and served in every aspect of producing the Philadelphia Flower Show. He remains a major exhibitor, has chaired the Show and promoted it with enthusiasm for more than half a century. Today Liddon continues as perennial principal advisor with generous guidance for all exhibitors. His suggestions and ideas about design and management phases are invaluable. He screens judges, evaluates awards, consults on the Preview

Dinner and other special events while actively serving on the Flower Show Executive Committee. He is well known for his lavish hospitality to Show visitors from the U.S. and abroad.

From the first chalk mark on the floor to the final phases of teardown, the exhibitors, volunteers and staff know Liddon in other ways. He is the ever-smiling face, the constructive critic, the pat on the back and the wiper of tears, and the provider of lunch when you didn't have time to make your own.

J. Liddon Pennock, Jr., is many things to many people. The Flower Show family knows him as mentor, consultant, expert guide and friend. Most

of all his enthusiasm for the Show is endless. It is with great admiration and appreciation that the 1991 Philadelphia Flower Show, Endless Spring, is dedicated to J. Liddon Pennock, Jr., and his endless contributions.



by Ed Lindemann

photo by Anne S. Cunningham

The Pennsylvania Horticultural

PHS members
participate as
exhibitors in major
shows. Todd and
Patricia Phillippi
show off their
award-winning floral
bounty exhibit at the
Harvest Show.





Sissinghurst was a stop on PHS's tour of Great Gardens of England.



PHS members at a photography workshop in a Malvern garden.

We invite you to join **The Pennsylvania Horticultural Society.** For more information call Linda Davis at (215) 625-8265 or 8250, or stop by the Membership/Information Booth at the Show. Join now and meet staff at our New Members' reception at the PHS headquarters and garden in June.

Pennsylvania Horticultural Society 325 Walnut Street Philadelphia, PA 19106-2777 Phone (215) 625-8250

The Pennsylvania Horticultural Society was founded in 1827.



PHS Produces..

The Philadelphia Flower Show The Harvest Show (Members receive free tickets to these shows.)

Green Scene, a beautiful full-color bimonthly magazine written by gardeners about gardening, free to members. (Individual subscriptions may be ordered @ \$9.75.)

PHS News, a monthly newsletter about happenings at the Society, free to members.

Society: People and Plants

Bob Harvey sports a bee beard to the amazement of children and adults at the Harvest Show.

elen Evelev, part of a hard-working team, keeps the 18th Century Garden in shape 325 Walnut Street.



PHS Plans...

Activities for members: more than 90 trips, workshops, lectures, garden tours, symposiums, clinics each year. For example, trips range all the way from Center City Philadelphia to Germany, Holland, England or Africa; workshops from flower arranging for first-timers to symposiums for Flower Show exhibitors; seminars on horticultural photography, panels on vegetable gardening or workshops for pruning woody plants. (See Spring activities for a partial listing of the year's events.)

PHS Maintains...

One of the largest horticultural libraries in the area — housing almost 14,000 gardening books. The Library includes a videotape section on gardening subjects. (Members benefit from mail order library service.)

The 18th Century Garden — a delightful oasis in Independence National Historical Park.

Horticultural Hotline: Call Monday through Friday, January through November, 9:30-Noon with your gardening questions — (215) 922-8043.



photo by Ira PHS 1991 Spring Activities List

March 21	Planning a Perennial Garden (two sessions)—Jane Lennon
April 6	
April 6	Yard Waste Management—Jeff Ball
April 8	Planting a Flower Arranger's Garden—
A 11.0	Jane Lennon
April 9	Topiaries—Chuck Rogers,
	Meadowbrook Farm
April 12	Workshop: Potato Basket—Linda
	Tenaglia
April 13	Advanced Vegetable Gardening—
	Jeff Ball
April 20	Pruning Small Trees and Shrubs—
	Peter Brindle, Chanticleer
April 20	Practical Garden Maintenance—
	Sibylle Kreutzberger
April 21-24	Virginia Garden Week
April 25	Beginning Arranging—Peggy Grady
April 28	Garden Visits — Main Line
April 30	Field Trip: Day in Chestertown, MD
May 3	Field Trip: Barnes Arboretum, Merion
May 8	Field Trip: Mt. Cuba Center, Greenville,
Willy 0	DE
May 10 & 11	At-home Series: David Benner
May 16	Field Trip: Hillwood, Washington, D.C.
May 18	Perennials for Spring—Christopher
10	Woods, Lisa Roper, Chanticleer
May 19	Garden Visits: Princeton, NJ
May 23	Lecture: Gardens of Philadelphia,
	Philadelphia Botanic Club—
	Peggy Bowditch
May 25	Flowering Trees and Shrubs—Peter
	Brindle, Chanticleer
May 30	Arranging Flowers from the Spring
	Garden—Audrey Nichols
June 1	Shade Gardening—
	Lisa Roper, Chanticleer
June 1	Roses—Ann Lighty, Chanticleer
June 3	Extending Bloom into Fall—
•	Jane Lennon, People's Light & Theatre
	Company, Malvern
June 9	Garden Visits: Germantown to
,	Gwynedd
June 10	Field Trip: Day in Unionville
June 12	Field Trip: Hillwood, Washington, D.C.
June 13	Field Trip: Pine Barrens, NJ—
june 10	Rick Darke
June 10	Field Trip: Wave Hill, Bronx, NY
June 19	
June 22	Perennials for Summer—Christopher
I 24	Woods, Chanticleer
June 24	At-home Series: Kath Duckett's
T 20	Garden, Bucks County
June 29	Pests and Diseases—Ann Lighty,
	Chanticleer

The Pennsylvania Horticultural

Philadelphia Green

Since its founding in 1974, Philadelphia Green has sponsored over 1,500 planting projects involving more than 100,000 people in horticultural pursuits. Whether it's a garden block with wine barrel and window plantings in South Philadelphia, an urban "farm" in West Philadelphia, or a hillside of wildflowers near the North Philadelphia train station, Philadelphia Green's efforts, large and small, have a colorful and powerful impact on people's lives.

• Seven Greene Countrie Townes

West Hagert Street Point Breeze West Shore Francisville Susquehanna Strawberry Mansion Norris Square

- City Gardens Contest
- Mayor's Lot Beautification Program
- Tree Planting Program
- And much more.

Miraculous Ribbon of Gold makeover at Eastern State Penitentiary in Philadelphia's Art Museum area. Eighty neighbors dug, cleared and planted 2,000 perennials on the 10,000-square-foot site at the 22nd and Fairmount Avenue area in April of '90.

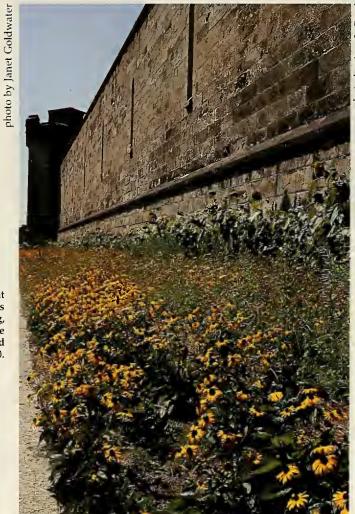


Center City Green

Center City Green promotes development and long-term maintenance of quality public green spaces in the city's downtown business section and at its gateways. Center City Green counts among its successes:

- Restoring the Azalea Garden near the Art Museum
- Initial plantings on the 26th Street Gateway from the Philadelphia Airport
- Ribbon of Gold planting throughout the City







ociety Sponsors:



The award-winning gardeners at Gray's Ferry Avenue have a commanding view of the city.

David Pierce worked with neighborhood children, ages 7-15, to transform a vacant lot in Southwest Philadelphia into this blooming oasis.





Experienced community gardeners throughout the city pass gardening lore onto the next generation. Here Hayward Ford, of Aspen Farms in West Philadelphia, talks about pumpkins with a young gardener.

Project designer Victoria Olin (left) works with staff and Friends of the Azalea Garden to plant annuals around the new pergola as the Azalea Garden restoration nears completion.



The proceeds from the Philadelphia Flower Show help support the Pennsylvania Horticultural Society's community outreach programs, Philadelphia Green and Center City Green.





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Bryn Mawr 873 Lancaster Avenue Bryn Mawr, PA 19010 (215) 527-7350 The renowned flower growers from the Italian Riviera announce their participation in THE PHILADELPHIA FLOWER SHOW

Flowers from Liguria

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You are cordially invited to discover their beauty, shades of colors, strength and long life, and to explore the possibility of becoming their exclusive importer. Sponsored by the Regional Government of Liguria 43 For further information contact: Lucio Caputo, One World Trade Center, Suite 2253, New York, NY 10048. (212) 775-1050. FAX: (212) 938-8317. **Telex: 6973217 ITAL UW.**



Central Feature

Endless Spring... New Days Dawning 'round the World

Step into a magical land where the spectacle of springtime from around the world surrounds you in a brilliant display of floral color. The Show's breathtaking central exhibit, created for your enjoyment by an international cast of designers, unfolds at the foot of Mt. Kenya where calla lilies grow thick and lush and the spray from a glacier-fed cataract inhabits the air. Continue your stroll past a picturesque Dutch flower barge, its blazing sea of tulips sprouting from the water's edge; enter a sundrenched piazza where descendents of 15th century spice traders display their fresh-cut blooms. Complete your journey through this display as you immerse yourself in the beauty and fragrance of thousands of roses and spring flowers bulging from their containers in an American Flower Market. Enjoy the miracles of technology that, in less than 48 hours, have whisked tens of thousands of cut flowers from every corner of the earth to Philadelphia for this year's Show.

HOLLAND

Flower Council of Holland 250 W. 57th Street New York, NY 10019

Netherlands FlowerBulb Information Center 162 Montague Street Brooklyn, NY 11201

Holland plays a vital role in growing and distributing floral products throughout the world; this exhibit has been developed by two agencies key to these activities. The Flower Council of Holland Headquarters in The Netherlands

and the office in New York is one of eight organizations throughout the world that supply information about Dutch cut flowers. The Netherlands FlowerBulb Information Center provides information on Dutch bulbs to many organizations in North America. The exhibit design team is led by Johan Weisz in cooperation with Els Hazenberg, Els Teunissen and Cees Van Dijk, all of whom are Master Designers.

The magnificent display of Holland-grown cut flowers is staged in a setting reminiscent of the famous floating flower market in Amsterdam. A canal passes under a stone bridge carrying a flower-laden barge to market. Step gable house facades feature window boxes overflowing with flowers. Two large islands planted with Dutch bulbs connected to the market display by overhead pergolas complete the picture.

ITALY (Liguria Region)

International Trade Center Inc.

One World Trade Center Suite 1513 New York, NY 10048

Floral designers Mimma and Aldo Alberti travelled from Italy's Liguria Region, headquarters for Italian flower growing operations, to stage this exhibit in the Philadelphia Flower Show. Residents of San Remo, the Albertis have exhibited with distinction in all the world's great flower shows, including Paris, Amsterdam, Hamburg, Bonn, Vienna and Valencia. Last year they made their debut in the Philadelphia Flower Show with a floral exhibit.

KENYA

Kenya Horticultural Society P.O. Box 40027 Nairobi, Kenya

Initial discussions about this exhibit started in 1987 when Pennsylvania Horticultural Society president Jane Pepper visited Nairobi on a garden tour and met members of the Kenya Horticultural Society (KHS). After scores of letters, phone calls and faxes, KHS members shipped two seagoing containers of staging materials from Nairobi last November including "one painted wooden giraffe head, 60 meters of clear plastic hose pipe, sisal matting, angled bolts, wall hooks and pieces of fish net." Next came the people; nine Society members arrived in Philadelphia in late February.

For Kenya, cut flowers represent 45 percent of the total foreign exchange earned by exports of fresh horticultural produce. For this exhibit growers have donated the most important export lines, such as statice, roses, carnations, alstroemerias and orchids, as well as smaller quantities of exotic cut flowers such as heliconias and strelitzias. The Kenya Horticultural Society was founded in 1922 and held its first annual flower show in Nairobi in 1924. Currently, KHS has five districts throughout Kenya and this exhibit represents a significant commitment from KHS to the Philadelphia Flower Show. We welcome the following members to Philadelphia: Gaye Aikman, Pauline Balletto, Barry Cameron, Heather Campbell, Irene Humphries, Amrit Sandhu, Eleanor Thomson, Sandra Waldie and John Wright.

MFLORES ESIMERALD

USA

Roses, Inc. Ted Thompson J.H. Thompson, Inc. P.O. Box 3 Kennett Square, PA 19348

Hawaiian Anthurium Production Promotion Committee

Raymond H. Tanouye Hawaiian Heart, Inc. Mt. View, HI 96771

Staged by David Lautt Florist, Inc.

10783 Bustleton Avenue Philadelphia, PA 19116

Roses from Pennsylvania and tropical flowers from Hawaii, designed and staged by David Lautt Florist, represent the best of American flowers and design styles. A long-time exhibitor who has reaped many Flower Show awards. David Lautt has created a tropical paradise with anthuriums, dendrobium, vanda and phalaenopsis orchids; Indian Head, Torch and Shell gingers; a variety of heliconias and birds of paradise, all donated by the Hawaiian Anthurium Production Promotion Committee.

Roses of all hues have been donated by the following local growers, all of whom represent Roses, Inc. in this display: Bucks County Roses, Holland, Pa.; Dillon Floral Corp., Bloomsburg, Pa.; Heyl Roses, Inc., Green Village, N.J.; Reiniger Brothers, Inc., Hatboro, Pa.; Thompson Roses, Kennett Square, Pa.; Walton's Greenhouses, Kennett Square, Pa.; N.H. Wright, Inc., Cranbury, N.J.; Zeiger and Sons, Inc., Philadelphia, Pa.

We are grateful to the following organizations for sponsoring sections of the central feature:

Water Feature courtesy of Byers' Choice Ltd. Italian (Liguria Region) exhibit, sponsored in part by AT&T



Sixty-five refrigerated trucks pick up cut flowers at JFK International Airport from around the world daily for the Delaware Valley Wholesale Florist, Inc. in Sewell, N.J., who distributes them to florists throughout the area.



Jacob's Ladder Natural Gardens, Inc.

(formerly Vick's Wildgardens, Inc.)

We specialize in naturalistic gardens including:

Stone walls - Rock & boulder work - Walks - Paths - Trails - Vistas Waterways - Pools - Terraces - Pruning - Consultation - Maintenance

1607 Valley Forge Road Worcester Township Collegeville, PA 19426 215-584-5846

Box 145 Gladwyne, PA 19035 215-525-6773



1991 Flower Show **Major Exhibitors**

African Violet Society of Philadelphia

2050 E. Orleans Street Philadelphia, PA 19134 Tom Seiler, Chair

African Violets Are for All Seasons

Open your window to the world and fill it with blooming color. African violets peep out from four windowsills in this display that represents the four seasons. Special graphics illustrate the many varieties available and include tips for achieving the best blooms.

Allied Florists of Delaware Valley

Evantine Design of Philadelphia #2 Fort Mifflin Road Philadelphia, PA 19153 Brian Kappra, Chair

Dog Daze

Dots and spots, circles and squares, bold splashes of color against black and white set the zany pattern for this spring display of flowers. A playful group of Dalmations lead the way through a vibrant garden of floral arrangements that blend some interesting and unexpected combinations.

American Rhododendron Society

90 Kresson-Gibbsboro Road **RD #1** Voorhees, NI 08043 Ted Stecki, Chair

The Colors of Spring

One of the first bloomers of spring, rhododendrons herald the season with a sweeping range of color. A sampling of the more

unusual colors available is featured in this display along with interplantings of spring flowers that complement the garden.

American Rock Garden Society, **Delaware Valley Chapter** 2106 Pennsylvania Avenue Fort Washington, PA 19034-2913 Joyce Fingerut, Chair

Troughs Aren't Just for Experts Anymore Think of troughs as a new way to furnish your outdoor room, combining growing skills with design possibilities. Examples of low-growing gems from the garden (pussytoes, dwarf phlox and grasses, miniature iris, tulips and narcissus) in several planting areas show how to achieve diversity and artistic expression through trough gardening.

F.A. Bartlett Tree Experts 1290 East Main Street Stamford, CT 06902 Benjamin G. Tresselt, Jr./ Anne L. Ferrucci, Co-Chairs

The Root System: A Plant's Lifeline

Deep within the moist depths of the earth lies a massive life support mechanism, the root system. This display explores the management of the tree's life-giving systems. From proper planting techniques to long-term maintenance, visitors will explore how healthy root systems develop and learn how to care for the roots of established trees.

Camden County Vocational and **Technical School**

6008 Browning Road Pennsauken, NJ 08109 Shawn W. McKay, Chair

Silent Spring to Everlasting Spring

A frightful juxtaposition of how today's actions will impact the environment is the focus of this display, which tackles one of the most critical issues of the '90s. On one side, the signs of neglect polluted waters, toxic smogs and struggling plants; on the other, clear ponds filled with healthy fish, clear spring skies and flourishing trees, shrubs and flowers. The choices are clear, but the solutions to our current problems are sometimes vague. Through graphics and a background mural, this exhibit hopes to effect a positive change on our own everlasting spring.

Señora Mary Cantarell Ave. Diagonal 606

08021 Barcelona Spain

El Esplandor de España — Ole'... The

Splendor of Spain

Mary Cantarell gardens with her daughter Sandra in Spain where they create distinctive gardens that incorporate many varieties of flowers. In her special display, Senora Cantarell recreates a little bit of her Barcelona garden using dried flower arrangements that demonstrate her significant horticultural expertise and artistic talent. Senora Cantarell's attention to color and form have won her praise from arrangement



enthusiasts all over the world, including those involved in the Chelsea Flower Show (London), where she has exhibited.

J. Cugliotta Landscape Nursery 334 Route 206 Vincentown, NJ 08088 Joe Cugliotta/Doug Burgess, Co-Chairs

Instant Shade — 1920's Style

A spring garden with daffodils and tulips in bloom also provides an instant canopy of shade in the form of a large oak tree, 12-foot root ball bulging from one end, ready to make its home in the garden. This stately addition to the Victorian setting lends a nostalgic feeling that only a tree of this size can create. The relaxing scene is capped

off with flowering dogwood trees, massive rhododendrons and azaleas and a crop of fluffy spruce trees.

Delaware Valley College Route 202 Doylestown, PA 18901 Douglas Kane, Chair

A New Day is Dawning: Do or Die

A community of plants sets the stage for this display that focuses on some of today's pressing environmental issues. Dogwoods, red maples, fothergillas and a rich herbaceous layer of ferns, daffodils and bleeding hearts form a piedmont that illustrates the importance of viewing plants as a community rather than individual specimens.

A hidden retreat harboring "Springtime Splendor," an abundant display of color, sounds and scents created by J. Cugliotta Landscaping, Inc. The exhibit was awarded the 1990 Philadelphia Flower Show Award for distinction in the aesthetic (commercial) category.

Delaware Valley Fern Society 412 West Chelten Avenue Philadelphia, PA 19144 Kathryn Giomi, Chair

Patterns in Green

Ferns may not be perceived as glamorous rainbows of color, and they don't possess an intoxicating fragrance but their subtle beauty explodes in rich patterns of green. From filmy, lacy fronds to tough leathery straps, a fern casts its beauty in shades from pale Nile green to emerald. Enjoy the variety and special qualities that make the fern a priceless jewel of the horticultural world.

Distinctive Floral Designs
517 Howard Street
Riverton, NJ 08077
Thom Piecara, Chair
(Staged in cooperation with the
Pennsylvania Horticultural Society)

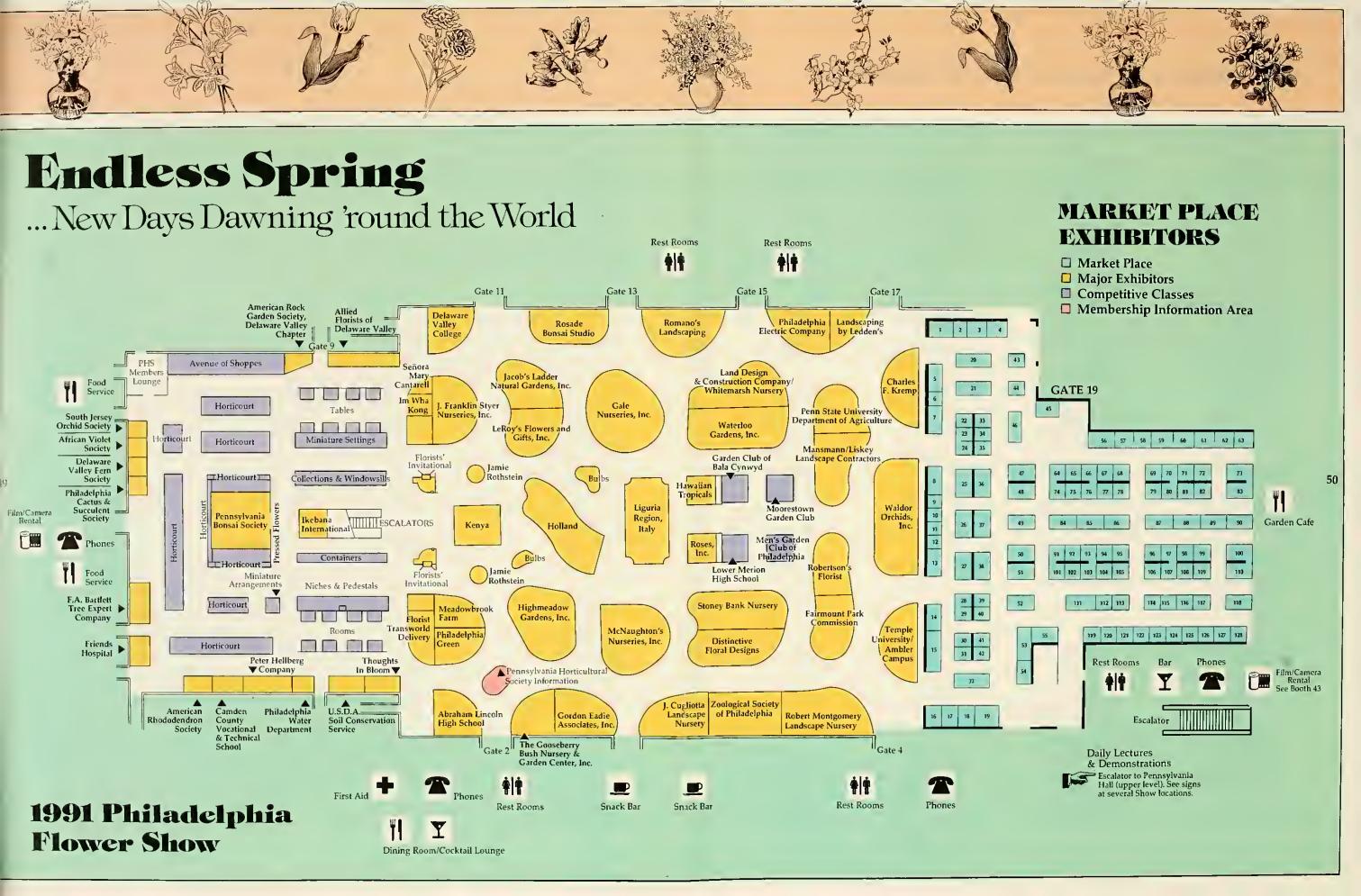
As Time Goes By

A garden of timeless traditional design is the setting for a collection of garden sculpture. This realistic garden becomes a dream-like fantasy as distinctive floral designs explode from the classic urns and adorn the sculpture. Cut flowers, harvested as new days dawn around the world, have been placed in the garden to blend with architectural elements to create a scene of pure pleasure.

Gordon Eadie Associates, Inc. P.O. Box 982 Valley Forge, PA 19482 William C. Tamburro, Chair

Nature's Palette

As the icy grays of winter melt into the warm colors of spring, it's time to fetch the easel and start painting outside again. This framework of evergreens provides the perfect backdrop for the changing display of spring color. Rhododendrons and azaleas dominate this artist's palette of color. Perennials and annuals await summer and fall's paintings. Here is nature's own work of art.



Market Place Exhibitors

Booth No. Exhibitor

107 A & A Bazaar G. Annor Ackah. 575 General Knox Road King of Prussia, PA 19406 African crafts

46 A.8.G. Company W. Don Navratil PO Box 227 Brightwaters, NY 11718 Potted plants/hanging baskets

28 American Standard Co. Nathaniel Florian 157 Water Street Southington, CT 06489 Ratchet-cut pruning tools & ancessories

188 Ann Plowden, Inc. Iane Ferguson 375 Commonwealth Avenue Boston, MA 02115 Pressed floral bouquet pictures

69 Anything Grows Greenhouse Franklin J. Niedz 1609 McKean Road Ambler, PA 19002 Rare plants, orchids, bonsai

91 Ash's Greenhouses 92 Jim Ash 353 S. Spring Road Vineland, NI 08360 Houseplants

127 The Barn Door

128 Lorraine & Ray Evans 61 White Horse Pike Atco, NI 08004 Solid wood, custom-built sheds, barns, garages

47 The Big Island Plant Co. 48 Richard Courtenay Cittrell

58 405 W. Washington St. 59 Ste 89 San Diego, CA 92103 Easy-to-grow Hawaiian plants, seeds, cuttings,

palms 33 Sittersweet Herb Farm

34 David Wallace 35 RR1, Box 166 Laurel Lane Charlemont, MA 01339 Herbs, plants, baskets, books

26 The Blue Tree 37 James A. Lostv 1728 Pheasant Lane Norristown, PA 19403 Cut flowers, hanging baskets, flowering & foliage plants

97 8onsai Designs of NY Inc. Ed Kellev 1862 Newbridge Road 8ellmore, NY 11710 Bonsai trees

Booth No. Exhibitor

116 The Book Tree 117 John Haines 12 Pine Hill Road Englishtown, NJ 07726 Horticulture & gardening books

15 Brandywine Gardens Richard Lenat 1027 Lenape Road West Chester, PA 19382 Cactus, succulents, flowering & foliage plants

55 Buds In Business Iill Gottlieb & Jodi Bauman 230 Central Park South New York, NY 10019 Floral gifts & accessories

119 W. Atlee Surpee Co. 120 Jonathan Burpee 300 Park Avenue Warminster, PA 18974 Garden seed

68 M. Booth Cabot 3961 Loch Highland Pass Roswell, GA 30075 Watercolors & prints

43 The Camera Shop, Inc. Karen L. Bogosian 485 Parkway South Broomall, PA 19008 Film, batteries, videotape, cameras & cellular phones

39 Caprilands Herb Farm

40 C.8. Green 534 Silver Street Coventry, CT 06238 Herbs & herbal products

98 Cottage Crafts, Inc. 99 Joan B. Rutz 289 Lancaster Pike Frazer, PA 19355 Dried flowers, miniatures, flower arrangements

14 Dalton Pavilions, Inc. Glenn Dalton 7260 Oakley Street Philadelphia, PA 19111 Gazebos

44 Decor Shoppe Lee Varga 4532 Maize Road Columbus, OH 43224 Decorations - silk, dried & paper flowers

41 Peter delager Bulb Co. Peter deJager 188 Asbury Street, PO Box 2010 South Hamilton, MA 01982 Flower bulbs

25 Desert Dan's Cactus Edward Wright 1012 West Summer Ave. Minotola, NJ 08341 Cactus

24 Devine Orchids Kristine M. Cox 2130 Middle Road Glenshaw, PA 15116 Orchid plants

Booth Exhibitor No.

124 E.P. Henry Corporation Ooug Rose 201 Park Avenue Woodbury, NJ 08096 Interlocking paving stones

9 English Country Signs Gillian Gutteridge 24 Phoenixville Pike Malvern, PA 19355 House signs

7 Fischer Greenhouses C.W. Fischer, Jr. Poplar Avenue Linwood, NJ 08221 Violets, azaleas

71 Flower Council of Holland Netherlands Flowerbulb Information Center Bob Perilla 250 West 57th Street New York, NY 10019 Dutch flower information

74 Flowers By Dotti 75 Dennis Rzaca 412 MacOade Blvd. Milmont Park, PA 19033 Cut Ilowers

56 The Flower Hut 57 Murray Dickman 124 Ziegler Road Pennsburg, PA 18073 Fresh cut flowers

60 Folio Art Glass Raymond & Barbara Folio 32 Holland Lane Colts Neck, NI 07722 Leaded glass lamps, boxes, flowers

54 Frank's Nursery & Crafts 8ryan Werth 191 Lincoln Hwy Fairless Hills, PA 19030 Crafts, live plants & dry goods nursery

49 William H. Frederick Robert Knox 932 Bethlehem Pike Montgomeryville, PA 18936 Patio furniture, baskets

111 Frontier Fruit & Nut Co. Raymond I. Karee 482 Somerset Road Akron, OH 44313 Dried fruits, nuts, mixes

10 The "G" Boys Inc. 11 Ralph A. Gaudio

12 801 West Route 70

13 Marlton, NJ 08053 Houseplants, plant foods, books, seed

109 Gardens Collaborative Barbara Klaczynska Morris Arboretum 9414 Meadowbrook Avenue Philadelphia, PA 19118 Garden passport

01 Glass Enclosures Unlimited Robert J. LaRouche 228 Poplar Ave. Wayne, PA 19087 Victorian conservatory

Booth No. Exhibitor

63 Globe Enterprises Gloria Hess 961 Stafford Drive Toms River, NI 08753 Kendo mops

4 Grace Sierra Jennifer Gerst 1001 Yosemite Drive Milpitas, CA 95035 Peter's Professional® Plant Care Products and Osmocote® Time Release Plant Food

87 Gravely International, Inc. Gerald R. Carey RO 2, Box 1840 Selinsgrove, PA 17870 Gravely tractors & mowers

88 Gravely Tractor John Wagner 511 W. Lancaster Avenue Haverford, PA 19041 Tractors

95 H & S Sales Harold E. Shatz 7514 Sherwood Road Philadelphia, PA 19151 Jewelry, magnets, toys

21 Haarlem Bulb Co., Inc. Adolphe Amand 3271 Base Line Road Grand Island, NY 14072 Spring flower bulbs & plants

22 Happy Glass 23 Sara M. Quinby 2865 Walnut Hill Street Philadelphia, PA 19152 Stained glass suncatchers, planters, windows, crystal

96 The Hearle Gallery Deborah Hearle 488 Main Street Chatham, MA 02633 Watercolors & prints

66 Hobensack & Keller, Inc. 67 Laurence D. Keller PO Box 96, Bridge Street New Hope, PA 18938 Garden appointments

79 Institute for Horticultural 80 Research Edward S.J. Walsh PO 8ox 430 Lansdowne, PA 19050-0430 Nature's Miracle Soil Conditioner

105 International Housewares 106 Frank Polo 7517 A. Lexington Club Blvd. Delrey Beach, FL 33446 Plantera, Floristree

126 Irrigation Systems, Inc. Joseph Seward 17321/2 Oregon Avenue Philadelphia, PA 19145 Landscape lighting & sprinklers

Booth No. Exhibitor

125 Irish Tourist 8oard Jean Purcell 757 3rd Avenue New York, NY 10017 Ireland travel promotion

42 Island Designs Judi Lim 25 Cleftstone Road 8ar Harbor, ME 04609 Embossed paper, procelain

5 J.A. Nearing Co. Inc./ Janco Greenhouses Sam Grasso 9390 Oavis Ave. Laurel, MD 20723 Greenhouses

114 Kirkwood's Flowers

115 Dean Kirkwood 2188 Beverly Lane Clearwater, FL 34623 Cut & dried flowers, plants

18 Charles F. Kremp, 3rd

19 Florist Charles Kremp PO Box 457 Willow Grove, PA 19090 Fresh cut flowers

4 KYW Newsradio Independence Mall East Philadelphia, PA 19106 Jack Eden, garden reporter

72 Langenbach Fine Tool Co. Paul Langenbach PO Box 453 Blairstown, NJ 07825 Garden tools

64 Orol Ledden & Sons 65 Donald Ledden PO Box 7, Centre Ave. Sewell, NJ 08080 Seeds & bulbs

53 LeRoy's Flowers Bob LaBold 16 North York Road Hatboro, PA 19040 Plants, balloons, dried flowers

2 Maine Bentwood Product & 3 Heritage Herbs of Maine

Cathy Spurling & Judith Fowles RFD #2, Box 391 Gardiner, ME 04345 Florals, scented wax, bentwood plant hangers

110 Martin's Aquarium Joel Martin 101 Old York Road Jenkintown, PA 19046 Cactus, wicker baskets, plants, reef aquarium

16 McNaughton's Nurseries, 17 Inc. William J. McNaughton 351 Kresson Road Cherry Hill, NJ 08034 Hanging baskets, houseplants

Booth No. Exhibitor

36 McTaggarts Bob McTaggart 909 Longmeadow Street Longmeadow, MA 01106 Flower arranging & bonsai supplies

30 The Meadow Lark 31 Ellen Platt RO 1, Box 1568 Orwigsburg, PA 17961 Dried flowers, books,

102 Mini Handcrafts Soutique Vincent Alves 69th St. Terminal Upper Darby, PA 19082 Unusual gifts from around the world

8 Mostardi's Nursery & Greenhouses, Inc. Stephen Mostardi 4033 West Chester Pike Newtown Square, PA 19073 Flowering & foliage plants

86 Ohio Dairyland Cheese Co. Raymond J. Karee 482 Somerset Road Akron, OH 44313 Assorted cheese & smoked meats

103 Orchard View Greenhouses

104 Bill & Trudy Eisenmenger 385 Route 94 Newton, NJ 07860 Plants & bulbs

32 The Oriental House Vincent Lu-176-21 80th Road Jamaica Estates, NY 11432 Vases, bonsai planters & trees, wooden stands, china ware, gifts, novelties

100 Patio Enclosures, Inc. John Schulgen 2500 State Road Bensalem, PA 19020 Patio enclosures, solarium

50 Pella Window & Door Co. 51 Patricia Seecher Valley Forge, PA 19485-9004 Sunroom, windows & doors

76 Petals - Real Flower lewels Andrea Healy RR 3, Box 156AA Mays Landing, NI 08330 lewelry

77 Pottery Unlimited Patricia & Jessica Everett 87 Grandview Avenue Trenton, NI 08620 Mexican hand-painted ceramic planters, animal pots & gift items

29 Primex Centers, Inc. David Green 435 West Glenside Ave. Glenside, PA 19038 Books, garden accessories Booth No. Exhibitor

101 Quaker Hill Flowers Shirley A. Dobbs 52 Pleasant St. Vincentown, NJ 08088 Dried flowers

52 R. H. Company Ron Amand PO Box 43 Grand Island, NY 14072 Tropical & air plants

85 Raritan Valley Garden Center Woody Lin 1845 Highway 27 Edison, NJ 08817 Bonsai, orchids, indoor houseplants

81 Rosehill Farm 82 Patricia Berlen Gregg Neck Road Galena, MD 21635 Miniature roses & related items

73 S & A Associates 83 Stan Alten

90 876 Phillips Road Warminster, PA 18974 Plants & pottery

121 Silva Orchids Anthony Silva 635 Wayside Road Neptune, NJ 07753 Orchid plants

118 Sittin' Easy Walter Harper PO Box 180, Hwy 211 Eagle Springs, NC 27242 Oak furniture

112 Stillridge Herb Farm 113 Mary Lou Riddle 10370 Route 99 Woodstock, MO 21163 Herbal products, garden ware

27 SunSpaces, Inc. Gussie D. Pokorny Main & Walnut Streets North Wales, PA 19454

89 Swiss Maid Fudge Co. Raymond J. Karee 482 Somerset Road Akron, OH 44313 Homestyle fudges & candies

61 T&L Silk Flower 62 Pei-Feng Lu 153-29 59th Avenue Flushing, NY 11355 Silk flowers, plants & related products

93 Timber Press, Inc. 94 Michael Fox 9999 SW Wilshire Portland, OR 97225 Horticultural books Booth No. Exhibitor

> 20 Tinari Greenhouses Frank A. Tinari 2325 Valley Road Huntingdon Valley, PA 19006 African violets

123 Trees Company Robert J. Hagarty 2877 Lovell Ave. Broomall, PA 19008 Sculptured wire trees

70 Valley Forge Collections Paul M. Greco 212 East Freedley St. Norristown, PA 19401 Cast iron lawn & garden omaments

45 Vegetable Factory, Inc. Dean Schwartz 71 Vanderbilt Ave. New York, NY 10169 Greenhouses

78 Violet Rainbow Alice Bair 1515 Bachman's Valley Road Westminster, MD 21157 African violets, related plants & items

84 Waldor Orchids, Inc. Walter M. Off 10 E. Poplar Ave. Linwood, NJ 08221 Orchid plants & related supplies

6 Wallingford Rose Gardens Joseph Kassab PO Box 52 Wallingford, PA 19086 Hollies, mahonias & other plants

122 Westminster International Co. Inc. lean de Ru 436 Armour Circle Atlanta, GA 30324 Zyllis vise

38 Wildflowers by Cricket Cricket Luker 1266 Ridge Ave. Manahawken, NJ 08050 Handcrafted tiles





Fairmount Park Commission Memorial Hall, West Park Philadelphia, PA 19131 William E. Mifflin, James A. Donaghy, Carol Gangewere, Co-Chairs

A View of Bartram's Garden
John Bartram, Philadelphia's own
"father of horticulture," created the

first Botanical Garden in this country. This exhibit is a composite of a transformed 1728 garden. Stroll the "Dark Walk" under the mighty oak, pass the common flower garden to the seed house and the kitchen garden. Bartram's poetic phrases lead the way through this nostalgic blend of common and unusual plantings.

photo by Adam Laipson

"Stunning" exclaimed the judges, describing Gale Nurseries' 1990 Central Feature "Purely for Pleasure." Gale's exhibit of masses of blooming roses, dancing fountains, flowering spring bulbs and garden settings received the 1990 Philadelphia Flower Show, Inc. Silver Trophy for the most distinctive professional garden in the show and the Garden Club of Pennsylvania's special achievement award for an exhibit of unusual excellence.

Florist Transworld Delivery Polites Florist 42 Garrett Road Upper Darby, PA 19082 Christopher Polites, Chair

Flowers, From the Garden to the Table
As you peek into the secluded
suburban patio, you're transported
to a romantic time with a view of
delicate white azaleas splashed
with graceful red tulips and
surrounded by an assortment of
vivid annuals and perennials. An
interesting flagstone patio emerges
from the garden and is transformed
into a classic garden sitting area.

Friends Hospital 4641 Roosevelt Boulevard Philadelphia, PA 19124-2399 Martha C. Straus, Ron Durham, Co-Chairs

Forever Growing! Horticulture as Therapy

Never static, always growing, horticulture parallels the rhythms of life. Horticultural therapy uses plants to improve the quality of life and to strengthen the participants' abilities. Walk through this colorful spring garden and learn the many techniques and tools used in Friends' horticultural therapy program.

Gale Nurseries Inc. 1716 School House Road Box 264 Gwynedd, PA 19436 Charles H. Gale, Chair

Puddle Jumpers

The dynamic group sculpture, Puddle Jumpers, depicts youth at its pinnacle. Joy, energy, and true friendship abound in this estate garden designed exclusively around the light-hearted artwork created by Glenna Goodacre and on loan to the Show by Mr. and Mrs. Robert Byers. A bi-level garden and entertainment area bordered by a spectrum of pinkcolored roses, stalks of hollyhocks, and enormous delphinium and digitalis offers a place to relax and enjoy memories of childhood by all who visit.







The Gooseberry Bush Nursery & Garden Center, Inc.

304 Lionville Road Downingtown, PA 19335 Elaine Snyder, Chair

Le Cafe

Relax and refresh yourself at this Parisian cafe where fine food and a muted rainbow of colorful blooms are presented for your enjoyment. This oasis in the midst of concrete and cobblestone creates a feeling of coolness and beauty. The fence is lined with shrubs that muffle the city's bustle. Their fragrant blossoms awaken your senses.

Peter Hellberg Company Royer's Flower Link 640 N. 5th Street Reading, PA 19601 Bob Schmoyer, Chair

Abra Cadabra — It's Spring

The beauty and magic of springtime is displayed in a theatrical setting with Merlin lending his touch. Delight in the disappearing act of floral arrangements into oversize top hats. The mystery over the many floral choices available is removed, and the magic remains.

Highmeadow Gardens, Inc. 684 S. New Middletown Road Media, PA 19063 Wayne R. Norton, Chair

Restless Spring

This summerhouse retreat is anything but peaceful. One longs to drink in the dazzling array of flowers but the vivid assortment of blooming stems allows the eye no rest. This array continues to unfold over and over through this charming retreat in the country.

Ikebana International/ Philadelphia Chapter #71 1038 Edgewood Chase Drive Glen Mills, PA 19342 Helen Flaig, Chair

Haru Matsuri — Spring Festival
Japanese flower arrangements,
both traditional and modern,
illustrate the different schools of
ikebana. With springtime as
inspiration, the arranger interprets

with skill and creativity the season's gentle beauty using fresh flowers, foliage and budding branches.

Im Wha Kong

c/o Mary Sapp 13 Toft Woods Way Media, PA 19063 Mrs. Im Wha Kong, Chair

Korea — The Land of the Morning Calm

The Asian love of nature is portrayed through this special art. Since early childhood, Mrs. Im, like most Korean girls, perfected her craft by following the rule that the artist must respect nature and plants' characteristics. By integrating buds and blooms with woody materials, the arranger hopes to sharpen the viewer's sense of the beauty in nature.

Jacob's Ladder Natural Gardens, Inc.

P.O. Box 145 Gladwyne, PA 19035 Carl J. Komorowski, Albert F.W. Vick, Jr., Co-Chairs

Come Home to Pennsylvania

The quiet calm that comes from a walk through the woods on a spring morning awaits you in this naturalistic display. Wildflowers peep out from behind rocks and along gentle streams while a blanket of multi-textured ferns covers the damp earth. An old well beckons you to cast in your wish for another breathtaking morning in Pennsylvania.

Charles F. Kremp 3rd Florist 220 Davisville Road Willow Grove, PA 19090 Steve Kremp, Chair

The Spring Quartet

The quartet is about to take the stage in this grand ballroom. Get ready to dine in elegance, seated among crystal and gold candelabrum. A profusion of peach, lavender and pink cut flowers enhance the tantalizing display and provide a colorful setting in which to enjoy this essay in extravagance.



Land Design & Construction Co./Whitemarsh Nursery 17 East Stenton Avenue Plymouth Meeting, PA 19462 Duane C. McCarthy, Chair

The Garden Spirit

Every garden is inhabited by the spirit of the gardener who created it. The spirit is embodied in special artifacts that symbolize the garden's space, its tranquility, its mystery and magic. A small garden gesture — the carved urn or majestic statue — awakens the spirit and enhances the visitors' experience of the garden. Come walk with the spirit and view nature through the gardener's eyes.

Landscaping by Ledden's Center and Atlantic Avenues Sewell, NJ 08080 Greg W. Deibert, Sr., Chair

Woodland Beauty

The serenity found in a woodland is nature's special gift to us. This gentle scene captures the essence of the wooded land with blooming azaleas and rhododendrons amid a crop of needled evergreens.

LeRoy's Flowers & Gifts, Inc. 16 North York Road Hatboro, PA 19040 LeRoy R. LaBold, Jr. & Sr., Co-Chairs

First Day in May

Hurray! It's May. At last it's May. Your spirits are lifted as you behold spring. Celebrate the occasion; skip around the May Pole. A splashing fountain, your dancing partner, enhances this patio setting and leads the viewer's eye to a dazzling array of floral arrangements.

Abraham Lincoln High School Ryan & Rowland Avenues Philadelphia, PA 19136 Karen K. Weber, Chair

Integrated Pest Management

What could keep you from enjoying your outdoor deck or patio — harmful insects and pests. Discourage these unwelcome garden visitors by careful plant

selection and safe pest control methods. Special graphics and a walkthrough display feature suitable garden plants and tips for starting your own integrated pest management plan.

Mansmann Liskey Landscape Contractors Box 367-C, RD2 Rt. 113, Kimberton Rd. Phoenixville, PA 19460 Ken Liskey, Chair

Welcome Home

With your sun roof open and your car phone off prepare to downshift the pace of your busy day. Elegant paving stones, the sound of falling water and lush plantings rejuvenate your soul as you maneuver your vehicle down the winding drive to your spacious courtyard. Welcome home.

McNaughton's Nurseries, Inc. 351 Kresson Road Cherry Hill, NJ 08034 Harry Gamble, Chair

Portrait at Dawn

A young woman awakened early by the songbirds on a beautiful morning emerges from her home to enjoy the dawn of a new day. She is beckoned by the sound of water and slowly swings back the entrance gate to reveal a private garden. As she pauses to enjoy the delights that surround her, she is discovered by an artist. Inspired, he unfolds his easel and begins to create a "portrait at dawn."

Meadowbrook Farm 1633 Washington Lane Meadowbrook, PA 19046 Charles J. Rogers, Jr., Chair

In the Pink

Let your eyes feast on this traditional garden setting. Enjoy the large urns filled with pink geraniums and cascading vines. The gravel path takes you around fountains, along colorful flowering beds and past hanging baskets overflowing in pink, white and blue blossoms. Standards and topiaries come to life throughout the garden and leave you feeling "in the pink."

Robert W. Montgomery Landscape Nursery Box 67-C, Route 113 Chester Springs, PA 19425 Bruce D. Rawlings, Chair

Fruits of Our Labor

Join us in this kitchen garden as we enjoy the fruits of our labor. Herbs, annuals, and perennials all thrive in the culinary garden, crisscrossed by inviting brick pathways. Pause beneath the grape arbor, and savor the fragrances as you gaze across the terrace at the summer kitchen with its attached wine shed. Experience the pleasure that comes from being a gardener.



Pennsylvania Bonsai Society RD #1, Box 502 Honey Brook, PA 19344 Howard McNeal, Chair

Pennsylvania Bonsai Society

A special place to enjoy the art of Bonsai. This ancient horticultural tradition of careful grooming and pruning techniques is displayed in a tokonoma or Moon Gate setting that allows the viewer an intriguing journey into creativity and imagination.

Pennsylvania State University Department of Horticulture

101 Tyson Building University Park, PA 16802 David Suchanic, Chair

Seasonal Awakening

An intimate sitting garden provides the ideal opportunity to enjoy the beauty of early spring flowers. The filtered shade of the juneberry breaks the sun's rays that fall upon brightly colored rhododendrons, flowering bulbs, and dark green ground covers that grow beneath informal shrub borders.

Philadelphia Cactus & Succulent Society

Horticulture Center North Horticultural Drive Philadelphia, PA 19131 Carol B. Greenday, Chair

Cacti Retreat

Adaptable describes the cactus, and low maintenance describes our major incentive for growing them. This display illustrates the cactus's adaptability in the home with free standing, hanging and potted groups of plants suitable to any home environment. With their distinguished, albeit short-lived, flowers, cacti are a lovely choice for almost anyone.

continued on page 60



Selective design elements — line, form and texture — transform this wooded yard setting created by J. Franklin Styer Nurseries, Inc. "Everyman's Garden" received the 1990 Pennsylvania Horticultural Society Award of Merit for an outstanding exhibit in the aesthetic (commercial) category.



Enjoy a garden that changes with the seasons. Let us create a custom landscape design tailored to your lifestyle.

Whether you need flowering plants for spring and summer color, a few trees for shade, evergreens for a privacy screen or windbreak, or complete Landscape services, our certified designers and trained horticulturists are on staff seven days a week to assist you.

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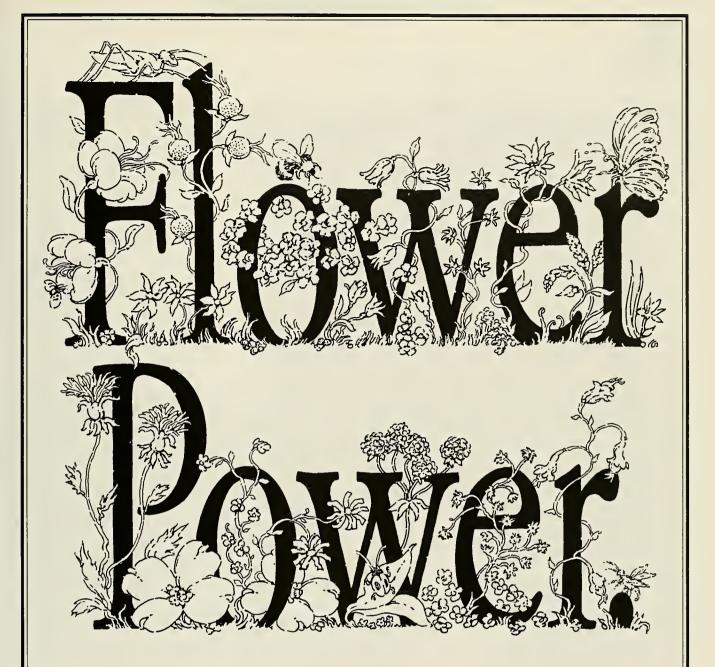
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"Enchantment," a fairy tale fantasy garden by LeRoy's Flowers & Gifts, Inc., received the 1990 Philadelphia Flower Show Award for an exhibit of distinction in the display (commercial) category.

Philadelphia Electric Company 4040 Chestnut Street Philadelphia, PA 19104 Clint Reed, Richard Geiger, Linda Roth, Co-Chairs

Vegetation Management

Comprehensive vegetation management keeps plants around utilities under control. Trees, gnarly shrubs and aggressive weeds often overtake sites where overhead electric lines exist. For safety's sake and reliability of service, a special management program developed by PECO clears plants causing problems and maintains healthy trees growing near overhead lines. This educational display illustrates the importance of such a program through graphics and plantings.

Philadelphia Green

The Pennsylvania Horticultural Society's community outreach horticultural program 325 Walnut Street Philadelphia, PA 19106 Anne Vallery/Brenda Nealy, Co-Chairs

Planting the Future, Inheriting the Harvest

Community gardeners plant, cultivate and harvest the products of their labor. As they cultivate their gardens, they also cultivate the gardeners of the future: our children. Pass through this community garden bordered by street trees. As adults instruct their gardening heirs about planting cabbage, squash and broccoli, the young gardeners learn there is more to gardening than the harvest; they water, divide perennials and break for lunch under the pergola.

Grateful thanks to Meridian Bank and Fleming Companies, Inc. (American Family, Clemens, Shop n Bag, Shop & Save and Thriftway) for their support of this display.

Philadelphia Water Department 1101 Market Street, ARA Tower 3rd Floor Philadelphia, PA 19107 Maureen T. Sullivan, Chair

Spring Into Compost

Composted sewage sludge created by the Philadelphia Water Department makes a great, odorless, nutrient-filled compost for planting flowers and for residential landscaping. Stroll along this garden walkway and see the many innovative uses for this special byproduct of nature.

Robertson's Florist

8501 Germantown Avenue Philadelphia, PA 19118 Bruce Robertson, Chair

Seaside

The facade of a weathered seaside home on the northeast coast is planted with mature outdoor plants and decorated with more tender plants and cut flowers for a summer garden party. A colorful flowering border and

interesting dry stone wall complement the table festooned with blooming centerpieces and surrounded by unique garden sculpture.

Romano's Landscaping 508 Lakeview Avenue Pitman, NJ 08071 Peter Romano, Chair

Retreat in the Pine Barrens

Once a haunt for passing fishermen and hunters, the old cabin lies still by the swamp's edge. Though peaceful inside, the natural surroundings are alive with the energy of springtime. These plants, typical of older varieties found in

the pine barrens, bloom with the vigor of new growth as spring emerges.

Rosade Bonsai Studio 6912 Ely Road, Solebury New Hope, PA 18938 Chase Rosade/Lynn Porter, Co-Chairs

Tranquil Garden

Budding trees and colorful koi fish emerge from their dormant state to announce spring's arrival. Here is a tranquil place to enjoy your work with Bonsai. Small trees are transformed before the viewer's eye in this "how-to" display on creating Bonsai. Jamie Rothstein 313 Cherry Street Philadelphia, PA 19106 Jamie Rothstein, Chair

Floral Infinity

Boundless is the beauty of this bodacious arrangement. Each blossom welcomes the new day's dawning and is reflected in the tranquil pools with the promise of an endless spring. Huge floral arrangements stand guard at the Show's entrance beckoning the viewer to enter a world of breathtaking springtime.

continued



Robert J. Montgomery Landscape Nursery's "Wedding of the Senses" received the 1990 Pennsylvania Horticultural Society Flower Show Award for the Best in Show in the aesthetic (commercial) category and the Pennsylvania Horticultural Society Council Trophy awarded for faultless use of classic design principles.



South Jersey Orchid Society 325 S. Cummings Avenue Glassboro, NJ 08028 Carla Vandergrift, Chair

Where Does the Time Go?

The warm steamy lowlands of the forest are one of the typical habitats for the orchid. This display brings the orchid home to a small hobby greenhouse and demonstrates the special needs and cultural requirements for growing them. A busy day can be transformed into tranquil time while working with orchids in the home.

Stoney Bank Nursery 61 Stoney Bank Road Glen Mills, PA 19342 Jack Blandy, Chair

Potter's Pond

The clay and glazes from the earth, the wood to fire his ware, the endless spring to inspire his creations. This natural scene provides the beauty of nature as the catalyst for the artist's creations.

J. Franklin Styer Nurseries, Inc. P.O. Box 98, Route #1 Concordville, PA 19331 Michael Petrie, Chair

A Garden in the Woods

Man's hand in the control of nature is evident in a garden in the woods. The rough-hewn woodland is forged into a relaxing garden retreat. Soft color and texture combined with soothing sounds from a brook surround you in a planting area shaped more by man than nature. The Adirondack-style retreat is shaded by large trees and enveloped by azaleas and rhododendrons in pink and lavender masses.

Temple University/ Ambler Campus

Dept. of Landscape Architecture & Horticulture 580 Meetinghouse Road Ambler, PA 19002-3994 S. Edgar David, Alice Bissell, Co-Chairs

Spring to Life: Ideas for a Healthy Watershed

All life depends on water. Its purity is essential to ensure our eternal spring. This display shows how you can restore the land and share in a healthier tomorrow. Peek through our windows to the world: a natural watershed of birch trees, foam flowers, partridge berry and wintergreen look back from what could be a residential backyard. Graphics show the many ways we can protect the earth's natural watershed through carefully planning and planting.

Thoughts In Bloom 18th & Locust Streets Philadelphia, PA 19103 Burt Geiges, Chair

La Fête du Jardin

An intimate garden party flush with spring color awaits guests. Topiaries trimmed into whimsical shapes, tables set with delicate fresh flower arrangements and the garden border bulging with spring blooms provide a festive atmosphere for the impending celebration.

USDA, Soil Conservation Service

160 E. 7th Street Chester, PA 19013-6092 Raymond N. Brown, Jr./ Frederick E. Bubb, Co-Chairs

Our Environment Starts In Your Backyard

This typical Delaware Valley home setting illustrates how the homeowner, through the tasteful use of plants and shrubs, can control pests and reduce or eliminate the need to water, fertilize or use pesticides. With plantings of forsythia, and tall fescue grass interspersed with marigolds and garlic plants, the homeowner can enjoy the beauty of a blooming yard and know they are doing their part to contribute to the environment.

Waldor Orchids, Inc. 10 East Poplar Avenue Linwood, NJ 08221 Walter M. Off, Chair

Spring Along the Anhinga Trail
Deep in the mysterious
everglades lies the most extensive
subtropical ecosystem north of
Mexico. Spanish moss hangs
overhead shading plantings of
tillandsias, bromeliads and orchids.
Below, the murky swamp waters
contain abundant fish life, water
lettuce and ALLIGATORS. As you
continue along the trail, be on the
lookout for nesting birds, and

Waterloo Gardens, Inc. 200 North Whitford Road Exton, PA 19341 Roberts LeBoutillier, Chair

The Artist's Canvas

abundant wildlife.

Spring returns to this magic place on wings of color. Timeless beauty . . . earth awakening. Ageless, living art. People have been coming for years to seek refuge and inspiration in this emerald glade. As curving stone walls shut out the clamor of everyday life, a backdrop of pink azaleas and rhododendrons leads your view around a rich copper and mahogany gazebo. White birch trees and rosy blooming shrubs provide a silhouette for this artist's hideaway. Inspired, you can now paint your own artist's canvas.

Zoological Society of Philadelphia

34th Street & Girard Avenue Philadelphia, PA 19104 Rodney Haines, Chair

Promenade in the Sculpture Garden

As you stroll through this whimsical display you come upon life-size sculptures — the bear family frolicking in play, a warthog, perfectly starched penguins set in a waddle. The reflecting pools lined with flowering crabapples, blooming shrubs and patterned beds achieve beauty by blending art with nature.







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Philadelphia Flower Show Competitive Classes

Competitive Class Exhibits in the 1991 Show

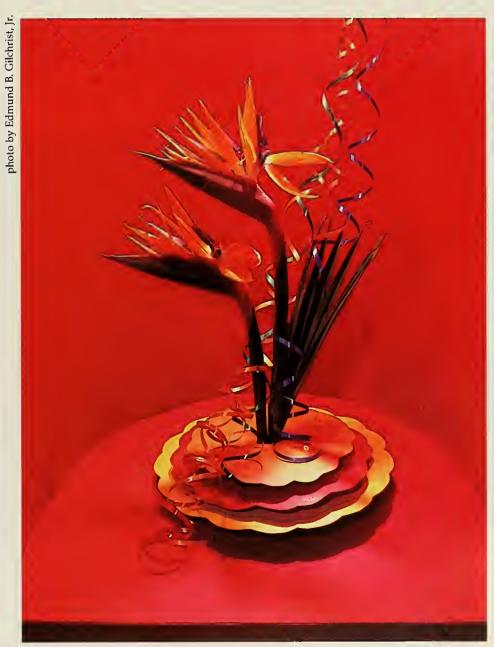
Exhibitors entered 264 classes in the Niches, Miniature Arrangments, Defined and Open Space Arrangements, Rooms & Tables, Miniature Settings, Designs for Pressed Plant Material, Gardens, Shop Fronts, Windowsills, Container Displays, Collections, Horticultural Classes.

Judges and Awards

More than 200 judges will come at their own expense from as far away as England, Bermuda, California, Minnesota, Maine, Texas and Florida to award more than 1,200 ribbons and plaques to major exhibitors and competitive class exhibitors.

How to enter the 1992 Flower Show Competitive Classes The Pennsylvania Horticultural Society will mail an exhibitor's schedule and guide to all members in September 1991. If you are not a member and wish to receive a schedule, write to Flower Show Secretary, Pennsylvania Horticultural Society, 325 Walnut Street, Philadelphia, PA 19106-2777.

continued



"Dance!" whooped the judges. "Exciting color invites a carnival time." Lydia Lewis and Geraldine Williams's arrangement won a first in Dance, a 1990 Medium Niche Class.

Competitive Classes



"Andante," the Garden Workers' blue-ribbon garden received The 1990 Pennsylvania Horticultural Society Garden Trophy for best in the class and the Massachusetts Horticultural Society Gold Medal for the garden demonstrating the best use of design. The exhibit was co-chaired by Topsy Cunningham and Phee Grandbois. "Beautifully executed!" said the judges.



Sanna Drake's powerful Paper Chase construction in Open Space paired an amaryllis and a dragon to win a blue in the 1990 Philadelphia Flower Show.



photo by Edmund B. Gilchrist, Jr.



Barbara Olejnik, Gia eGenova, Anne Vallery and George Herquet's entry in the Miniature Setting Class "A Day on the Town" was whimsically entitled "Weed Rather Be at a Matinee in Ionaco." The judges praised the 1990 blue ribbon exhibit for its rhythm in design and lyrical feeling.

continued on page 69



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photo by Edmund B. Gilchrist, Jr.

Competitive Classes



■ Wissahickon Garden Club won a blue for "Midnight in Marrakesh, a 1990 Table Class entry. The judges said, "pattern matching at its finest," and praised the masterfully combined flowers.



photo by Edmund B.

Anything but! Hope Coates interpreted the Ugly Duckling in the Small Niche, Once Upon a Time class (1990). The judges gave a blue ribbon noting the "magical transformation" was created by the excellent choice of plants: cyclamen, protea, ivy and Harry Lauder's walking stick.



 "Hither Cottage," the blue ribbon Men's Garden Club of Philadelphia Shoppe Front exhibit, received The 1990 Pennsylvania Horticultural Society Trophy and the Pennsylvania Nurserymen's Association trophy. "A masterful blend of detail," wrote the judges. Co-chairs of the club's first time exhibit were Stanley P. Amey of Wynnewood, Pa., and James C. Stretch of Penn Valley, Pa.



This Philadelphia Main Line garden received the top "Award of Excellence" presented by the Pennsylvania Nurserymen's Association. The garden features four strong seasonal presentations. The winter scene, demonstrating bold linear design, was recently chosen for publication in Town and Country magazine. A spacious comfortable, entertaining area completes this garden setting.

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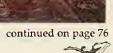
Competitive Classes



"A Night on the Town," a blue ribbon miniature setting depicting A
Summer Evening. Created
by Ann Adriance and the Minis of Princeton Associates. "Perfection," proclaimed the judges.



The blue ribbon awarded to the Maple Glen Garden Club for their "skillful and imaginative interplay of color and form," was music to their ears. They interpreted Raga (Indian) for the 1990 Room Class.



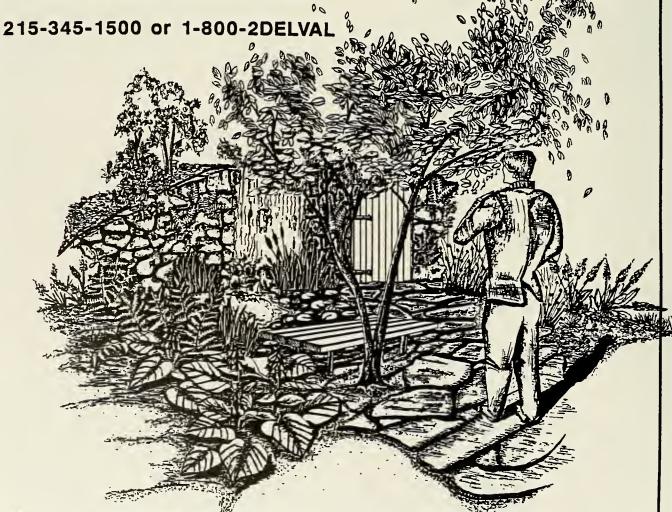
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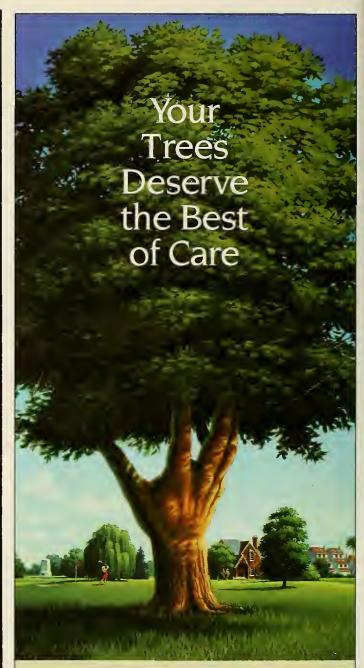
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Competitive Class Entries



The Garden Club of Philadelphia won a first for their entry in the Windowsill Class. The special hobby workspace was co-chaired by Ellen Smith and Sally Johnson (1990).

Room Entrants

Four Counties Garden Club

Sue Frank, Co-Chair Margarete Marvin, Co-Chair Patsy Warth, Co-Chair

The Gardeners

Marie Alexander, Co-Chair Gretchen Riley, Co-Chair The Ivy League

Anne C. Bolton, Co-Chair G. Linton Weber, Jr., Co-Chair

Norristown Garden Club

Patricia Wolanski, Chair Pamela Davis, Vice-Chair

Penn Valley Garden Club

Jan Clarke, Co-Chair Christine Jackson, Co-Chair The Planters

Dody Freeman, Co-Chair Betsy Miller, Co-Chair

Garden Club of Princeton

Barbara Bromley, Co-Chair Diana Olcott, Co-Chair

Shawosa Garden Club

Vivian Bauman, Co-Chair Estelle Sherman, Co-Chair

Table Entrants

Rich Batcho, Co-Chair Ron Blume, Co-Chair

Curtis Burke

Greene Countrie Garden Club Carolyn Bach, Co-Chair Jane Deming, Co-Chair

Haddonfield Garden Club Betsy Gagliardi, Chair Sandra Jones, Vice-Chair

Ellie Harwood, Co-Chair Lois Eason, Co-Chair

Huntingdon Valley Garden Club Barbara Keenan, Co-Chair Jeannie Craig, Co-Chair

Rose Tree Gardeners
Susan Essick, Co-Chair
Barbara Knoll, Co-Chair
Marcia O'Sullivan, Co-Chair

Wissahickon Garden Club Sally Fernley, Co-Chair Cornie Walton, Co-Chair

Miniature Settings Entrants

Spring Cleaning — Inside Nancy O'Connor, Anne Adriance and the Minis of Princeton Elizabeth Barrows Chris Drake M. Jane & Becky Smyth Kay & O.P. Varnell

Spring Cleaning — Outside
Mr. & Mrs. Jacques Leroux
Jayne & Ben McCormick
Steve & Eleanor McDonald
Joanne Shinkle &
Carol MacCluskie
Sandra Trump & Vanessa Peirce

Garden Entrants

Garden Club of Bala Cynwyd Cecily Littleton, Co-Chair Celeste Maschmeyer, Co-Chair Sue Seltzer, Co-Chair

Lower Merion High School lan Blasco, Co-Chair Sandy Bogdanoff, Co-Chair E. Lynne Freeland, Advisor Patricia A. Thornton, Advisor

The Men's Garden Club of Philadelphia

Stanley M.P. Amey, Chair Thomas D. Hays, Vice-Chair G. Stephen Voorhees, Vice-Chair

Moorestown Garden Club Ann Driscoll, Co-Chair Carmen Herrera von Wrangell, Co-Chair

Shoppe Entrants

The Gardeners

Margaret Biddle, Co-Chair
Sylvia Swanson, Co-Chair

Maple Glen Garden Club Judy Finestone, Co-Chair Margaret Hunter, Co-Chair

Garden Club of Philadelphia Penelope Harris, Co-Chair Audrey Nichols, Co-Chair

Suburban Garden Club Sandee Adams, Co-Chair Ellin Pacquette, Co-Chair

West Chester Garden Club Elly Cleveland, Co-Chair Peg Nagy, Co-Chair

Garden Club of Wilmington Yolande Dobbs, Co-Chair Pinkie Roe, Co-Chair

Windowsill Entrants

Windows on the World (Class 153)

Country Gardeners Edna Dickson, Co-Chair Dottie Grosse, Co-Chair

Outdoor Gardeners Joan Miller, Co-Chair Mary Roy, Co-Chair Gerald T. Robbins

Weed and Seed Garden Club Audrey Ketner, Chair Jean Dunn, Vice-Chair

Windows on the World (Class 154)

Bancroft Garden Club Katey Reuter, Chair

Dr. Gerald Barad

West Trenton Garden Club JoAnn Clarke, Co-Chair Joan Naro, Co-Chair

Wissahickon Garden Club Judy Romig, Co-Chair Rosalie Warren, Co-Chair

Container Display Entrants

Chestnut Hill Garden Club Marilyn R. Drinker, Co-Chair Lenore Zimmerman, Co-Chair

Countryside Garden Club Alice Bucher, Co-Chair Tala Graham, Co-Chair

The Garden Workers
Sally Longnecker, Co-Chair
Alice Cullen, Co-Chair

Martha Washington Garden Club Ruth Reller, Co-Chair Pat Stewart, Co-Chair

Providence Garden Club Susan Noyes, Co-Chair Sue Staples, Co-Chair

The Weeders Cheryl Cheston, Co-Chair Beverly Jennings, Co-Chair

Collection Entrants

Collector's Fancy

Iulie Morris and Lee Morris Raden

Random Garden Club Cynthia O'Keefe, Chair Dorothy Sheffield, Co-Chair

Seaweeders Garden Club Harriette Barton, Co-Chair Dora Hardwick, Co-Chair

Twin Valleys Garden Club Elizabeth Bell, Co-Chair Ruth Midgeley, Co-Chair

Spring Garden

The Garden Workers Mary Ellen Strawbridge, Chair

Joan Snear and Nanci Walsh

University of Delaware Horticulture Club Cindy Crossan, Chair

Sally and Michael Yow





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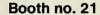
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1991 Flower Show Lectures & Demonstrations

Lectures and demonstrations on a variety of horticultural and photographic subjects will be conducted during the week of the Show. All sessions will take place on the third floor, reached by the escalators behind the Market Place area.

This schedule is subject to change. Updates will be posted daily on pillars throughout the Show floor.

ROOM "A"

SUNDAY, MARCH 10

- 11:30 Fun with Flowers Eve's Floral Creations, Glenside
- 1:00 Horticulture & Gardens in Ireland Sybil Connolly, Irish Tourist Board
- 2:30 Fun with Flowers Eve's Floral Creations, Glenside
- 4:00 Homemade Wines & Herbal Vinegars Lorraine McGill, Brickyard Farms, Philadelphia

MONDAY, MARCH 11

11:00 - 5:00 International Floral Arranging By Invitation Only

TUESDAY, MARCH 12

- 11:00 Ikebana Helen Flaig, Ikenobo School of Ikebana
- 12:30 Ikebana Phyllis Weeks, Ohara School of Ikebana
- 2:00 Ikebana Yuri Moriuchi, Ikenobo School of Ikebana
- 3:30 Ikebana Midori Tanimune, Sogetsu School of Ikebana
- 5:00 Ikebana Adelaide Swanson, Ichiyo School of Ikebana

WEDNESDAY, MARCH 13

- 11:00 Fun with Flowers Risher Van Horn, Ltd., Collegeville, PA
- 12:30 Ikebana Mariko Ono, Sogetsu School of Ikebana
- 2:00 Fun with Flowers Risher Van Horn, Ltd., Collegeville, PA
- 3:30 Italian Floral Arranging Mimma & Aldo Alberti, San Remo, Italy
- 5:00 Fun with Flowers Risher Van Horn, Ltd., Collegeville, PA

THURSDAY, MARCH 14

- 11:00 Fun with Flowers Springfield Florists, Springfield, PA and Valley Green Flowers & Gifts, Springhouse, PA
- 12:30 Dutch Floral Arranging Flower Council of Holland
- 2:00 Fun with Flowers Springfield Florists, Springfield, PA and Valley Green Flowers & Gifts, Springhouse, PA
- 3:30 Ikebana Bernice Makin, Ohara School of Ikebana
- 5:00 Fun with Flowers Valley Green Flowers & Gifts, Springhouse, PA

FRIDAY, MARCH 15

- 11:00 Fun with Flowers Allied Florists
- 12:30 Ikebana S. Kawana & L. Toji, Sogetsu School of Ikebana
- 2:00 Fun with Flowers Allied Florists
- 3:30 Floral Contrasts on the Equator Kenya Horticultural Society
- 5:00 Fun with Flowers Allied Florists
- 7:00 Water Gardening Clinic Pools, Ponds & Plants Don Schnoor, Lotus of America

SATURDAY, MARCH 16

- 11:00 Fun with Flowers Younger & Son, Inc., Lansdale, PA
- 12:30 Dahlias Jack Soret, Greater Philadelphia Dahlia Society
- 2:00 Fun with Flowers Younger & Son, Inc., Lansdale, PA
- 3:30 Ikebana Ronell Douglass, Ohara School of Ikebana
- 5:00 Fun with Flowers Younger & Son, Inc., Lansdale, PA

SUNDAY, MARCH 17

- 11:00 Floral Contrasts on the Equator Kenya Horticultural Society
- 12:30 Fun with Flowers Allied Florists
- 2:00 Floral Contrasts on the Equator Kenya Horticultural Society
- 3:30 Dahlias Jack Soret, Greater Philadelphia Dahlia Society

ROOM "B"

Photographing Flowers Using Close-up and Macro Equipment/Workshops by The Camera Shop

		Sponsor
March 10	11:30 and 2:30	Minolta
March 12	2:00 and 5:00	Minolta
March 13	2:00 and 5:00	Eastman Kodak
March 14	2:00 and 5:00	Eastman Kodak
March 15	2:00 and 5:00	Eastman Kodak
March 16	2:00 and 5:00	Minolta
	March 12 March 13 March 14 March 15	March 12 2:00 and 5:00 March 13 2:00 and 5:00 March 14 2:00 and 5:00 March 15 2:00 and 5:00



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For the fourth year a new group of florists have been specially invited to dazzle with brilliantly designed arrangements. A delightful plus: last year's first and second place winners have been invited back to design the Florists' Invitational arrangements shown at the Members' Preview, Preview Dinner and on Opening Day.

The other 12 exhibits will be changed daily and judged by the same panel of judges. Two floral designers fill the allotted space each day. The "Best of the Week" will be named on Saturday, March 16, 1991.

Sandy Manthorpe, Chair John L. Chapin, III, Vice-Chair Thom Piecara, Vice-Chair Florists' Invitational

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Amy Dougherty The Curtis Center 6th & Walnut Streets Philadelphia, PA 19106 (215) 238-6464

Village Florist

Gary T. Bell 1229 Sansom Street Philadelphia, PA 19107 (215) 629-9779

April Robin Florist

Mark S. Scherzer 620 Station Avenue Haddon Heights, NJ 08035 (609) 546-0037

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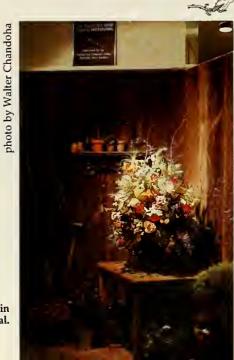
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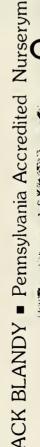
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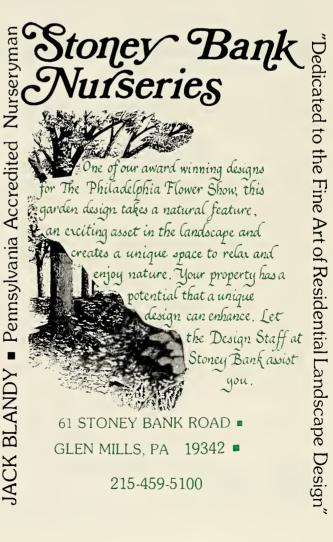
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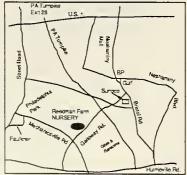
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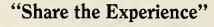
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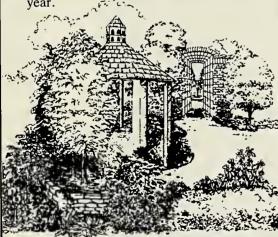
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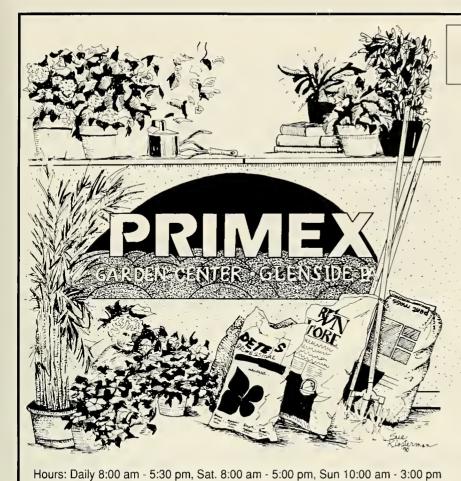
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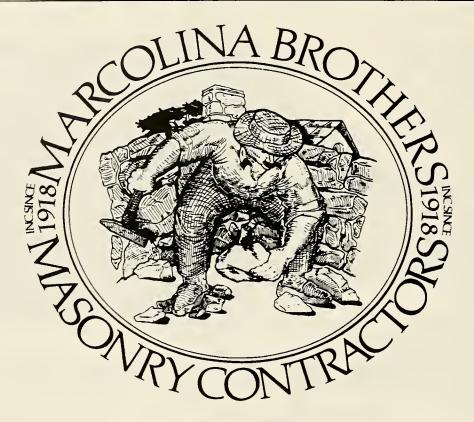
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